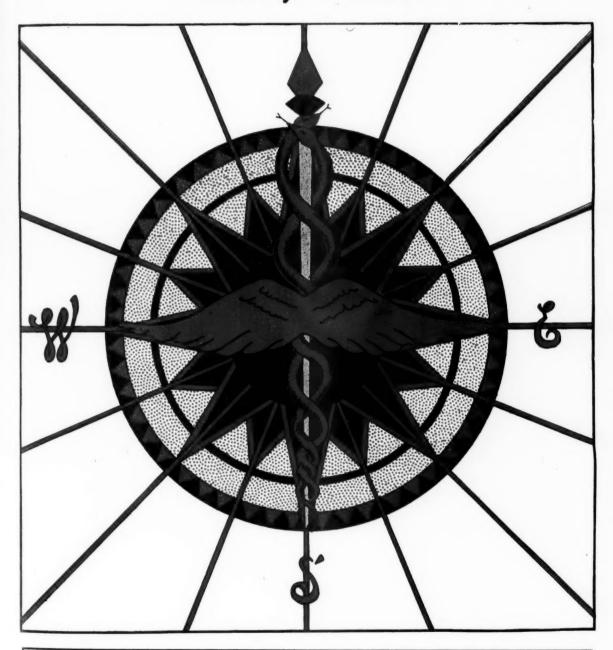
THE JOURNAL

Michigan State Medical Society

Directory Number



Volume 46

ple at

nds

no rly, ant.

nk.

MSMS

JULY, 1947

No. 7

YEARLY SUBSCRIPTION \$5.00—SINGLE COPY 50 CENTS

ш SIGNIFICANC SYMBOLS A freer life--a fuller life

DILANTIN SODIUN



Develop Depa

The F

Missed
C. I

First Editori

Eigh Wag Mic

Wha

Info

Long

Table of Contents

Development and Use of the Psychiatric Out-Patient	Section Meetings-Tentative Program	824
Department. Arthur H. Ruggles, M.D793	Committee Reports	824
The Fundus Oculi in Diagnosis and in Prognosis. Edmund B. Spaeth, M.D	Technical Exhibits Roster 1947—Michigan State Medical Society Michigan's Department of Health What's What The Doctor's Library	839 858
Editorial: Eighty-second Annual Session	You and Your Business	742
Wagner-Murray-Dingell819	Henry C. Black and Allison E. Skaggs	752
Michigan's Testimony for S-545 Before Senate Committee	National Health Bill. E. F. Sladek, M.D	756
What of Osteopathy?820	Highlights of State Health Legislation, 1947	760
Postoperative Pulmonary Embolism821	Michigan Rural Health Conference	762
The 82nd Annual Session:	Socialized Medicine Campaign	764
Information822	Premedical Education	766
General Assemblies—Tentative Program822	Political Medicine	768

Copyright, 1947, by Michigan State Medical Society

Fitting Hours: 9:30 to 5:30

Fifth Floor

Stroh Building

HACK'S FOOT NOTES

Shoe Information for the Profession

Published by the Hack Shoe Co.

Telephone: Randolph 7790

Twenty-eight Adams Ave. W.

Our 32nd Year

Detroit 26, Michigan, July, 1947

Established 1916

THE FEET IN PREGNANCY

"Pregnancies," declares Morton,* "are an added factor to women's disadvantage. It is quite possible that the physiological laxation of pelvic ligaments associated with parturition is not a purely local condition, but may be general, involving also the feet during the early weeks of motherhood."

May we suggest that Hack's TRIBALANCE shoes protect the feet against this laxation of the ligaments of the feet and ankles.

Your patients will appreciate their comfort, their styling and their price.

*Morton, D. J., "The Human Foot" (page 175), Columbia University Press, 1935.

THE JOURNAL

of the Michigan State Medical Society

VOLUME 46

JULY, 1947

NUMBER 7=

PUBLICATION COMMITTEE

FRED H. DRUMMOND, M.D., ChairmanKaw	kawlin
OTTO O. BECK, M.D. Birmi	ngham
OSCAR D. STRYKER, M.D. F.	remont
DEAN W. MYERS, M.DAnn	Arbor
WILFRID HAUGHEY, M.DBattle	Creek

Office of Publication 2642 University Avenue Saint Paul 4, Minnesota

Edito.

WILFRID HAUGHEY, M.D. 610 Post Bldg., Battle Creek, Michigan

Secretary and Business Manager of THE JOURNAL L. FERNALD FOSTER, M.D. Thorne Bldg., 919 Washington Ave.

Bay City, Michigan

Executive Secretary

WM. J. BURNS, LLB.
2020 Olds Tower, Lansing 8, Michigan

All communications relative to exchanges, books for review, manuscripts, should be addressed to Wilfrid Haughey, M.D., 610 Post Bldg., Battle Creek, Michigan.

All communications regarding advertising and subscriptions should be addressed to Wm. J. Burns, 2642 University Avenue, Saint Paul 4, Minnesota, or 2020 Olds Tower, Lansing 8, Michigan. Telephone 57125.

Copyright, 1947, by Michigan State Medical Society

Published monthly by the Michigan State Medical Society as its official journal at 2642 University Avenue, Saint Paul 4, Minnesota.

Entered at the post office at Saint Paul, Minnesota, as second class matter, May 7, 1930, under the Act of March 3, 1879.

Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized August 7, 1918.

Yearly subscription rate, \$5.00; single copies, 50 cents.

Medicine

Surgery

Gynecology and Obstetrics

Delegates

J. C. Foshee, M.D., Chairman

Edward Dowdle, M.D., Secretary

Robert B. Kennedy, M.D., Chairman

Harold H. Lampman, M.D.,

PRINTED IN U.S.A.

Detroit

Detroit

Detroit

Detroit

....Grand Rapids

OFFICERS OF THE SOCIETY

President	WM.	A.	HYL	AND,	M.D	Grand	Ranid
President-Elect	P. L	. L	EDW:	IDGE,	M.I)	Detroit
Secretary	L. F	ERN	IALD	FOS7	TER,	M.D	Bay City
Treasurer	A. S.	BR	UNK	M.D.			Detroit
Speaker	J. S.	DE	TAR,	M.D	*******	***************************************	Milan
Vice Speaker	R. H	I. I	BAKE	R, M.	D		Pontiac

THE COUNCIL

E. F. SLADEK, M.D., Chairman, Traverse City OTTO O. BECK, M.D., Vice Chairman, Birmingham L. FERNALD FOSTER, M.D., Secretary, Bay City

Term
District Expire
C. E. UMPHREY, M.D 1 st Detroit
P. A. RILEY, M.D
WILFRID HAUGHEY, M.D. 3rd Battle Creek 1950
R. J. HUBBELL, M.D
J. D. MILLER, M.D
R. C. POCHERT, M.D
T. E. DEGURSE, M.D
W. E. BARSTOW, M.D
E. F. SLADEK, M.D 9thTraverse City
F. H. DRUMMOND, M.D10thKawkawlin
ROY H. HOLMES11thMuskegon1948
A. H. MILLER, M.D. 12th Gladstone 1948
W. H. HURON, M.D13thIron Mountain
D. W. MYERS, M.D14thAnn Arbor
O. O. BECK, M.D. 15th Birmingham
E. R. WITWER, M.D16thDetroit
J. S. DETAR, M.D. Speaker Milan
W. A. HYLAND, M.D. President Grand Rapids
P. L. LEDWIDGE, M.D. President-Elect Detroit
L. FERNALD FOSTER, M.D
A. S. BRUNK, M.DDeduit

EXECUTIVE COMMITTEE OF THE COUNCIL

E. F. SLADEK, M.D.	Chairman
O. O. BECK, M.DVi	ce Chairman
F. H. DRUMMOND, M.DChairman, Publication	
E. R. WITWER, M.DChairman, Finance	
J. D. MILLER, M.DChairman, County Societies	
J. S. DETAR, M.DSpeaker, House	of Delegates
W. A. HYLAND, M.D.	
P. L. LEDWIDGE, M.D.	
L. FERNALD FOSTER, M.D.	Secretary

SÉCTION OFFICERS

Dermatology and Syphilology

1			Shaffer,		_ :
					.Detroit
1			ick, M.D		
	Secre	ttary	*************	Grand	Rapids

Radiology, Pathology, Anesthesia

S F Could MD	
S. E. Gould, M.D., Chairman (Path.)	Eloise
James E. Loftsrom, M	.D.,
Secretary (Rad.) H. J. Van Belois, M.D.	Detroit
H. J. Van Belois, M.D.).,
Secretary (Anes)	Grand Rapids

General Practice

E. C. Texter, M.D.,	
Chairman	Detroi
E. M. Pettis, M.D.,	
Secretary	Muskegon

DELEGATES TO A.M.A.



Pediatrics

Mark F. Os	terlin, M.D.,	_
		Traverse City
J. Hugh Le	wis, M.D.,	*** ***
Secretary .		Wyandotte

Ophthalmology and Otolaryngology

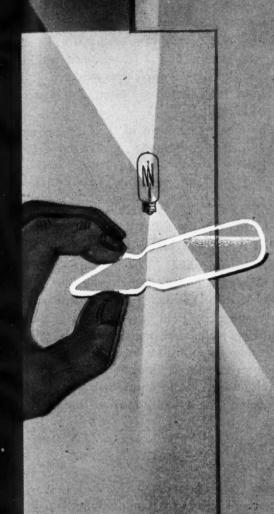
James Maxwell, M.D.,

Chairman (Otol.)Ann	Arbor
Ralph Gilbert, M.D.,	
Co-Chairman (Ophthal.)Grand J. Lewis Dill, M.D.,	Rapida
I. Lewis Dill. M.D.,	. 0
Secretary (Otol.)	Detroit
Walter Rundles, M.D.,	
Co-Secretary (Ophthal.)	Flint
Urology	
R. K. Ratliff, M.D.	
ChairmanAnn	Arbor
H. L. Miller, M.D.	
Constant	D-A-Ale

Alternates

H. R.	H.	Cumr. Pino.	ings, M.D.,	I.D.,	Ann	Arbor	1947
R.	L.	Novy.	M.D.,	Detr	oit		.194
R.	H.	Denha	m. M.I) G	rand	Rapids	194
C.	I.	Owen,	M.D.,	Detr	oit	***********	.194

Hold it up to the Light!



DetroitMilan

lity

Term Expires

..1951 ..1950 ..1950

...1951 ...1951 ...1951 ...1947 ...1947 ...1948 ...1948 ...1948 ...1948 ...1949 ...1950 ...1950Milan Rapidi Loptroit

NCIL hairman

mmittee elegates resident nt-Elect ecretary

andotte

Arbor Rapids Detroit

..Flint

Arbor Detroit

SMS

A life may depend on the purity and clarity of the urographic contrast medium to be injected intravenously. NEO-IOPAX, a superior solution for intravenous pyelography, is triple checked through every stage of its preparation for exact composition and sterility, and then inspected repeatedly for the presence of extraneous foreign matter.

Neo-Dopaxidisodium N-methyl-3,5-diiodo-chelidamate

Hold your contrast medium up to the light before injecting it. You will find NEO-IOPAX solutions sparkling and crystal clear—a good index of the care with which they have been processed. Naturally, we take pride in the NEO-IOPAX safety record, based on hundreds of thousands of injections.

NEO-IOPAX, stable solution of disodium N-methyl-3,5-diiodo-chelidamate, is available in water-clear glass ampules only, in 50 and 75% concentrations.

Trade-Mark NEO-IOPAX-Reg. U.S. Pat. Off.



Schering CORPORATION . BLOOMFIELD, N. J.

You and Your Business

MSMS ANNUAL SESSION—GRAND RAPIDS September 23-26, 1947

Doctor, you are cordially invited—you are urged—to attend the 82nd Annual Session of your State Medical Society, in Grand Rapids next September. Hotel reservation blank will be found on Page 838.

The Program (and what a Program!) appears on Page 822.

The Pere Marquette Streamliners offer convenient transportation for those physicians who reside in the southeastern part of the state as the MSMS Program has been arranged from Tuesday noon to Friday noon, September 23-26. Arrange your railroad reservations as early as possible.

A QUARTER MILLION DOLLARS LOST TO MICHIGAN PHYSICIANS

If Michigan Doctors of Medicine fail to bill the Michigan Crippled Children Commission direct for medical treatment of afflicted and crippled children, they are insuring that a sum approximating \$250,000 per annum is lost to them.

The 1947 Michigan Legislature amended both the Afflicted and the Crippled Children Acts so that "any physician or surgeon except residents treating any such child at any hospital . . . shall bill the Commission for compensation as fixed by the Commission and paid by a separate warrant drawn to his order. . . . "Professional fees shall not exceed \$90 for a major operation and in no case shall surgical and/or medical fees exceed \$200 to any one doctor for any one patient in a twelve-month period. Said . . . physician shall make and file with the Commission affidavits containing itemized statements of such services rendered. . . . The compensation as fixed and approved by the Commission shall be paid to the physician or surgeon performing the services hereunder by a separate warrant drawn to his order and forwarded to him at his professional address. . . ."

The new features of the Afflicted and Crippled Children Laws are:

(a) the doctor shall send itemized bills direct to the Crippled Children Commission (not through the hospital, as in the past).

- (b) The Auditor General forwards the doctor's check for services to his professional address (not to the hospital, as in the past).
- (c) The top limitation on medical fees is \$90 (not \$75, as in the past). It to be stressed that the Commission is to be billed within sixty days of the date services are rendered. Bills received by the Commission after sixty days cannot be paid legally.

The new amendments to the Crippled and Afficted Children Acts become effective October 11, 1947.

S. 545 (TAFT-BALL-SMITH-DONNELL HEALTH BILL), ENCOURAGES VOLUNTARY MEDICAL PLANS

E. F. Sladek, M.D., Traverse City, Chairman of the MSMS Council, represented the Michigan State Medical Society at the hearings on S. 545 in Washington, June 6. The Taft Health Bill would aid voluntary prepaid medical care plans and other voluntary methods of medical practice in contrast to the compulsory regimentation programs outlined in other proposals before Congress, particularly the Wagner-Murray-Dingell Bill.

SIGNALS! 140-712-1310!

These are not football signals. They are the numbers of bills in the United States Senate—bills that vitally affect each and every doctor of medicine in the practice of his profession.

S.B. 140 is opposed by the Michigan State Medical Society because it would place a nonmedical intermediary between the health division of the proposed department (Health, Education, and Security) and the President of the United States.

S. 712, the Aiken Bill, would reconstitute the Federal Security Agency as a department of cabinet stature. This bill seems to be inspired by the same social welfare group which advocated the Wagner-Murray-Dingell Bills of past years.

S. 1310 is the new 1947 Wagner-Murray-Dingell Bill. The latest co-sponsors include Senators

(Continued on Page 744)

Ju



No substitute for mother's milk is more highly regarded than Similac for feeding the new born, twins, prematures, or infants that have suffered a digestive upset. Similac gives uniformly good results in these special cases simply because it resembles breast milk so closely. Normal babies thrive on it for the same reason.

This similarity to breast milk is definitely desirable—from birth until weaning.

M & R DIETETIC LABORATORIES, INC. . COLUMBUS 16, OHIO



A powdered, modified milk product especially prepared for infant feeding, made from tuberculin tested cow's milk (casein modified) from which part of the butter fat has been removed and to which has been added lactose, cocoanut oil, cocoa butter, corn oil, and olive oil. Each quart of normal dilution Similac contains approximately 400 U.S.P. units of Vitamin D, and 2500 U.S.P. units of Vitamin A as a result of the addition of fish liver oil concentrate.



SIMILAC

Similar to breast milk

JULY, 1947

doctor's address

s is \$90 stressed in sixty Bills recannot

nd Af.

October

man of

chigan S. 545

th Bill plans

ractice n prongress, ll.

re the

-bills

medi-

Mediedical of the

es.
e the cab-

d the

-Dinators

ISMS

Say you saw it in the Journal of the Michigan State Medical Society

743

SIGNALS!

(Continued from Page 742)

Pepper, Chavez, Taylor and McGrath. S. 1310 has added a sugar-coating to its lethal lining by inserting some alleged "grass roots" controls. Its introduction in late May was augmented by another message to Congress from Mr. Truman who urged "a national health insurance program for all persons: (1) to pay their necessary hospital and doctor bills (and dentist bills too); (2) to reimburse them, at least in part, for earnings lost by "illness or disability not connected with their work."

The Detroit Free Press of May 20 ends its story on Mr. Truman's message with the pertinent observation: "The message left to Congress the details as to just who would pay the premiums!"

MEDICAL PUBLIC RELATIONS VIA THE RADIO

A big public relations job is being done by the Michigan State Medical Society in the field of radio. The state-wide schedule of radio presentations sponsored by your State Medical Society, in co-operation with local radio stations, agencies and firms, as of June 1, 1947, included three programs, as shown below.

"A LOT OF" MEDICAL CHARITY

Says Florida's Senator Claude Pepper at the hearings on S. 545: "I think a lot of this charity service that is talked about is a lot of hooey, and I think a lot of poor people can prove it."

Senator Pepper doesn't have "a lot of" charity in his heart for the medical profession.

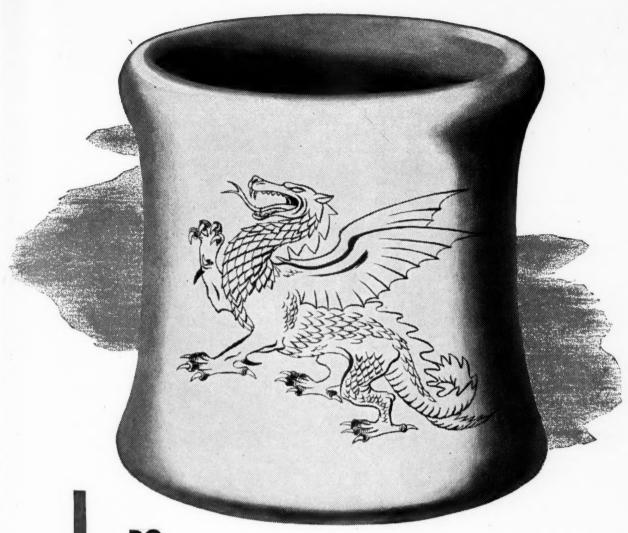
The charity a physician does becomes part of his confidential relationship with his patients. Were it publicized, it would lose its character as charity and become merely the overt publicity activity of a gratitude-seeking benefactor.

A conservative estimate of the number of hours given each year by doctors of medicine to hospitals, clinics, etc., etc., is \$1,000,000 per day (not per year, not per month, not per week—but per day!).

The most righteous of the left-wingers in Congress, including Senator Pepper, cannot deny that \$365,000,000 per annum is a large contribution to charity—greater than is being given by any foundation or individual the world over. However, left-wingers will discredit even \$365,000,000 worth of charity in their frenzied efforts to foist socialized schemes, quietly and surreptitiously, on a seemingly disinterested U. S. public. They bitterly resent the introduction of truth, presented by the medical profession and others, into hearings before congressional committees.

(Turn to Page 746)

CITY	STATION	TIME	M	T	W	T	F	S	
1. "TELL M	E, DOCTOR'	(Five minutes)				-			o
Grand Rapids	WLAV	6:15 p.m.	x	x	x	x	x	x	х
Battle Creek	WELL	6:10 p.m.—Sun. 8:25 p.m.	x	x	x	x	x		
Port Huron	WHLS	1:35 p.m.	x	x	x	x	x	x	
Lansing	WJIM	10:15 a.m.	x	x	x	x	x	x	
Detroit	CKLW	9:45 a.m.	x	x	x	x	x		
Kalamazoo	WKZO	8:40 a.m.		x		x			
Cadillac	WATT	8:20 p.m.	x	x	x	x	x		
Iron Mountain		4:55 p.m.	x	x	x	x	x		
Ludington	WKLA	9:55 a.m.	x	x	x	x	x		
Marquette	WDMJ	11:30 a.m.	x	x	x	x	X.		
Jackson	WIBM	12:15 p.m.					.	x	
Alpena	WATZ	4:30 p.m.	x	x	x	x	x		
Calumet	WHDF	9:30 a.m.	x	x	x	x	x	X	
Lapeer	WMPC	10:15 p.m.	x	x	x		х		
2. "DOCTO	R OF MEDIC	INE" (Ten minutes)							
Detroit	CKLW	2:30 p.m.					x		
3. "MEDICA	AL TALKS" (Fifteen minutes)							
(Michigan S	tate Medical Michigan jo	Society and University of int project)				2		*	
Detroit	WJR	10:15 p.m.				- /		x	
East Lansing	WKAR	2:30 p.m.	x					-	



YOU
KNOW
WHAT
THESE
SYMBOLS
STAND
FOR?



REXALL FOR RELIABILITY

n medieval times, the dragon was the symbol of the chemist and apothecary. Ancient alchemists were said to use dragon's blood in their potions, and the dragon came to mean certain chemical actions. An apothecary advertised his wares to the world by painting a dragon on a drug pot, and hanging it over his door.

Today it is the familiar Rexall sign which assures you of superior and dependable pharmacal service. Displayed over more than 10,000 independent drug stores throughout the country, the Rexall symbol on drugs means pure, potent and uniform drugs, laboratory tested under the rigid Rexall system of controls. It means unexcelled pharmacal skill in compounding them.

REXALL DRUG COMPANY LOS ANGELES, CALIFORNIA

PHARMACEUTICAL CHEMISTS FOR MORE THAN 44 YEARS

July, 1947

SMS

the arity and

har-

t of ents. er as

hos-(not per

that any Iow-,000 foist on bitd by

o

X

Say you saw it in the Journal of the Michigan State Medical Society

745

(Continued from Page 744)

P R SUPPLEMENT

Supplement No. 1 to the MSMS Public Relations Plan covering the "Newspaper Advertising and Publicity Program" has been mailed to all members of the Society. You are invited to keep this Supplement, together with the Public Relations Plan issued last year, for easy reference.

A COMPARISON OF HOSPITAL COSTS, 1940-1947

Because of unwarranted criticism of present hospital rates, the cost of hospital materials, drugs and labor is presented below. The year 1940 is used because on the following years prices began to rise, have risen ever since and are still rising. The figures are those of The Grace Hospital (Main) but they might just as well be those of any other hospital—prices and costs are very similar throughout the Detroit area.

patient who, in the jargon of the sociologist, has already been prechristened a "ward of the government."

The solution of this problem is ours—we will accomplish nothing constructive by damning the hospital management. Expenses are met from the money collected from patients. There are no longer any private donors of funds.

It isn't fair to compare hospital costs to hotel costs. Good hotels employ one worker for each 2.5 to 3.0 guests, while good hospitals employ two workers for each (one) patient. Furthermore, hospitals as yet have not taken to owning and profiting from cocktail lounges. Neither is it logical thinking when criticism is directed at the cost of training interns, nurses and residents. The modern hospital is a public service institution dedicated to the protection of the health of the community it serves. It is the repository, through its staff, of the medical knowledge, and through its physical equipment, of the best of the diagnostic and therapeutic aids. It must prepare the young physician for practice and provide a source of knowledge for the practicing physi-

DESCRIPTION	1940	1947	REMARKS
Bed Sheets (63x108), Per Doz\$	6.72	\$ 25.98	Practically unobtainable.
Surgeons' Gowns, Per Doz	9.90	24.63	Practically unobtainable.
Gauze—36 In. x 100 Yd. Bolt	2.80	4.70	Critical item.
Cat Gut—Per Doz	2.30	3.14	Critical item (glass shortage).
Butter—Per Pound	.30	.75	Critical item.
Canned Cherries-Per Doz. No. 10 Can	10.50	21.00	Practically unobtainable.
Pork Loin—Per Pound	.17	.55	Unobtainable at times.
General Duty Nurses (48-Hour Week)	102.50		40-Hour Week necessitates an
General Duty Nurses (40-Hour Week)		200.00	increase of 16% in number of nurses.
Cost Per Patient Day	5.41	14.62	Cost has tripled.
ROOM RATES			•
Wards	4.00	8.50	Rates have doubled.
Semi-private Rooms	5.00	10.00	Rates have doubled.
Private Rooms	10.00	17.00	Rates have doubled.

It should be noted that costs have increased two and one-half to three times while rates have increased approximately two times only. Hospitals try to bring back health to patients, to give good service, to aid and supplement the physician in his work and to break even.

The above statistics are presented that you as a physician may give to your patients an accurate picture of the why of hospital rates and where their hospital dollar goes.—Detroit Medical News, April 21, 1947.

THE PROBLEM IS OURS

The increase in rates announced by the hospitals of the metropolitan district has precipitated some discussion as to the effect it may have in swaying the opinion of an already socialized medicine-minded public toward a demand for some form of government medicine.

The need for the increase in rates is evident from a study of the figures of 1940 and 1947 published on the opposite page. It is obvious that hospitalization costs are soaring beyond the reach of the uninsured patient of moderate means and that prolonged hospitalization may be prohibitive even though he has insurance. Thus there may come to pass a redefinition of the charity

cian. A hospital that functions only as a workshop for the physician is not serving the common good.

Relief from high costs must come from monies donated either by private individuals or by the government to supplement the income of the hospitals. Our present income and gift tax setup makes it prohibitive for private citizens to give amounts sufficiently large to affect the cost picture, hence it appears aid will have to come from tax monies either through grants directly to hospitals or by the building of government owned and managed institutions.

A more efficient method would be to free donations, to accredited hospitals, of the gift tax and permit their deduction from the income tax. Thus the full amount would go to the hospital (and hence to the public) without the erosion that occurs when monies flow through government channels.—Frank A. Weiser, M.D., Editorial, Detroit Medical News, April 21, 1947.

EDITOR'S NOTE: This editorial and the comparison of costs is so eminently timely and fair that we are glad to reproduce it for the benefit of all our members throughout the State.

(Continued on Page 748)



eady

commanected onors

costs.

3.0 for have nges.

cted

The

ated

y it

nedi-

nent,

It

proysi-

r of

hop

ted to ent prifect me 105and

ons, neir unt

ic) low

ER, 47. son

lad ers

MS

BENADRYL hydrochloride

KAPSEALS®

50 mg. each, in bottles of 100 and 1000.

The results of a recent survey of the clinical use of Benadryl (diphenhydramine hydrochloride) in 2665 patients are shown in the accompanying table.

> The efficacy of this new antihistaminic is also attested to in over 150 reports published in the medical literature.

ELIXIR 10 mg. in each teaspoonful, in pints and gallons.



CAPSULES 25 mg. each, in bottles of 100 and 1000.



Clinical Entity	Patients	Satisfactory	Questionable	No Benefit	% Showing Improvemen
	766	692	16	58	90.3
OMOTOR RHINITIS 9	349	268	2	79	76.7
ECZEMA &	128	79	7	42	61.7
HAY FEVER Z		350	36	39	82.4
A C W 11 14 A	495	275	7	153	63.2
MIGRAINE OTIC EDEMA DERMATITIS PRURITUS	73	48	1	24	65.7
OTIC EDEMA	54	46	1	7	85.2
C DERMATITIS	66	42	1 1	23	63.6
PRURITUS W	24	18		6	75.0
		22	1 1	6	78.6
MULTIFÓRME RMOGRAPHIA DOD ALLERGY	20	15		5	75.0
OD ALLERGY	37	32		5	86.5
CT DERMATITIS	63	49	1 1	14	77.7
SICAL ALLERGY 3	11	7	1 1	4	63.6
ACT DERMATITIS YSICAL ALLERGY NS—ANTIBIOTIC	84	81	1 1	2	96.4
TIANS BRUCE	46	42		4	91.3
NS-BIOLOGICS F	12	12			100.0
ONS—BIOLOGICS DYSMENORRHEA*	44	38		6	86.3
TOTALS	2665	2116	72	478	79.39

Benadryl hydrochloride

PARKE, DAVIS & COMPANY, DETROIT 32, MICHIGAN

747

(Continued from Page 746)

PUBLIC TOO SINUS-MINDED

The public is "overly sinus-conscious," Dr. Albert C. Furstenberg, University of Michigan Medical School dean, told the 15th annual Adult Education Institute.

"Only one person in fifty who diagnoses his own case as sinus trouble really has the condition," he declared.

Dr. Furstenberg pointed out that few cases of heart trouble, arthritis or other systematic diseases are traceable to a sinus.

He warned against use of home preparations.—Detroit Free Press, May 15, 1947.

MICHIGAN MEDICAL SERVICE BENEFITS

Beginning May 1, 1947, Michigan Medical Service has been paying \$100.00 for appendectomies. This is the last major surgery rate to be equalized with prevailing rates in practice. Several rates have recently been raised, but this is the most outstanding. Obstetrics for direct pay members has been re-established, as noted recently. It was re-established before the expiration date in the notice of suspension, so members are losing nothing, there being no lap.

Under contract with the Veterans Administration, Michigan Medical Service through the doctors of Michigan has been giving authorized medical service to veterans. When the service has been rendered, and reported to MMS the Veterans Administration is billed for the service, plus a small administrative fee. Remittances were promised promptly, but as of May 1, the amount receivable for Michigan Medical Service was \$341,000.00, and for Michigan Hospital Service, \$170,000.00. The government owes the Michigan Blue Cross plans over half a million dollars for services to veterans authorized and paid for by the plans, and the government gets the use of this money without interest. This has been the experience since the plan was first put into effect.

BOND-A-MONTH PLAN

The doctor of medicine is supposed to be a good scientist, diagnostician, a good doctor for the ills of the people but a very bad doctor for the financial future. We have received two communications from the Treasury Department, submitting a long article for publication in The Journal, telling of the need of the doctor for some systematic saving system, which will relieve him of the necessity of following financial and other reports and watching the market so as to make an occasional thousand dollars in order that some day in the future he may send Johnnie to college.

We are relieving our readers of four pages of material and condensing the plan. Until now, systematic savings bonds were available only through payroll deductions, but now—

"The depositor who wishes to buy a bond each month signs a card authorizing the bank to deduct the purchase price from his checking account. The bank issues the bonds and delivers them to the customer monthly. The periodic bank statement shows payment for the bonds. "And from the first and the only time the doctor signs his authorization card, he has nothing else to d_0 except open the envelopes the bank sends him with the bonds inside.

"Incomes of physicians are much more responsive to fluctuations in national income than other professions. The doctor has no social security or pension to fall back upon. He needs simplicity of program, not continued checking, manipulating, buying, selling. There is no safer investment in the world than Savings Bonds."

If you invest monthly under the Bond-a-Month Plan	In five years you will have	In ten years you will have
\$ 37.50	\$ 2.319.00	\$ 4,998.00
75.00	4,638.00	9,996.00
150.00	9,276.00	19,992.00
300.00	18.552.00	39 984 00

CONFERENCE, GRADUATE AND POSTGRADUATE MEDICAL EDUCATION

The University of Michigan Medical School, sponsored by the W. K. Kellogg Foundation of Battle Creek, conducted a conference on Graduate and Postgraduate Medical Education at the Rackham Building, Ann Arbor, May 19, 20 and 21, 1947. The program consisted of six conferences:

1. Review of Graduate and Postgraduate Activities. Moderator, Harold S. Diehl, Minnesota. Discussants, C. E. de la Chapelle, NY University, Wilburt C. Davison, Duke, William A. O'Brien, Minnesota, John B. Truslow, Columbia and R. Hugh Wood, Emory.

2. Graduate Training and Continued Education of the General Practitioner. Moderator, A. C. Furstenberg, Michigan. Discussants, Walter A. Bloedorn, George Washington, Ward Darly, Colorado, E. M. MacEwen, Iowa, William A. O'Brien, Minnesota.

3. Review of Graduate and Postgraduate Activities. Moderator, Joseph C. Hinsey, Cornell. Discussants, C. F. Wilkinson, Michigan, Murray C. Brown, Meharry, Robert A. Moore, Washington, Thomas M. Perry, George Washington, John E. Deitrick, Cornell, Charles N. Holman, Oregon.

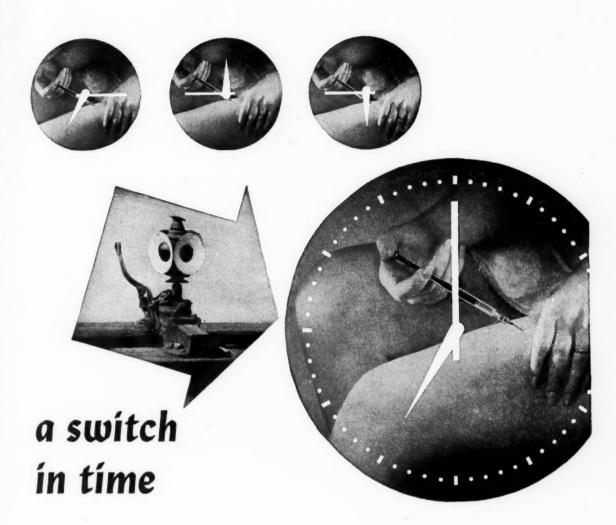
4. The Teaching of the Basic Sciences. Moderator, Curruer McEwen, New York. Discussants, Thomas M. Perry, George Washington, Ford K. Hick, Illinois, John E. Deitrick, Cornell, C. E. de la Chapelle, New York.

5. Review of Graduate and Postgraduate Activities. Moderator, Howard H. Cummings, Michigan. Discussants, Ford K. Hick, Illinois, Robert P. McCombs, Tufts, John T. McClintock, Iowa, James P. Baker, Virginia, Ward Darley, Colorado.

6. The Regionalization of Medical Education. Moderator, Samuel Proger, Tufts. Discussants, Lester J. Evans, Commonwealth Fund. W. T. Sanger, Virginia, Charles F. Wilkinson, Jr., Michigan. Each of these conferences was followed by extensive discussion.

On May 20, the evening dinner was addressed by Vice President Adams of the University, and by Salvador Zubiran, Rector of The National University of Mexico who spoke on "Graduate Education at the National University of Mexico." He told of the building of a new university in a new city, and gave pictures. Ralph A. Sawyer, Dean of the Graduate School, University of Michigan, who headed the scientific work of the atom

(Continued on Page 750)



A switch to 'Wellcome' Globin Insulin with Zinc can often save the annoyance of a second or third daily insulin injection—for in many cases the patient's needs can be supplied with only one injection a day of this unique intermediate-acting insulin. Three distinct steps provide the welcomed change-over:

1. THE INITIAL CHANGE-OVER DOSAGE: The first day, 30 minutes or more before breakfast, give a single dose of Globin Insulin, equal to ½ the total previous daily dose of protamine zinc insulin or of protamine zinc insulin combined with regular insulin. The next day, dose may be increased to ½ former total.

2. ADJUSTMENT TO 24-HOUR CONTROL: Gradually adjust the Globin Insulin dosage to provide 24-hour control as evidenced by a fasting blood sugar level of less than 150 mgm. or sugar-free urine in the fasting sample.

3. ADJUSTMENT OF DIET: Simultaneously adjust carbohydrate distribution of diet to balance insulin activity; initially 2/10, 4/10 and 4/10. Any midafternoon hypoglycemia may usually be offset by 10 to 20 grams carbohydrate at 3 to 4 p.m. Base final carbohydrate adjustment on fractional urinalyses.

Most mild and many moderately severe cases may be controlled by one daily injection of Wellcome' Globin Insulin with Zinc. Vials of 10 cc.; 40 and 80 units per cc. Developed in The Wellcome Research Laboratories, Tuckahoe, New York. U.S. Pat. 2,161,198. Literature on request.

'Wellcome' Trademark Registered



雷

BURROUGHS WELLCOME & CO. (U.S.A.) INC., 9 & II EAST 41ST STREET, NEW YORK 17, N.Y.

doctor to do ith the sive to essions. Il back atinued is no

998.00 998.00 999.00 992.00 984.00

nsored s, con-Medir, May of six

ivities. ssants, ivison, uslow,

on of nberg, George Ewen,

vities. ts, C. harry, eorge

Hol-

rator,

as M.

John

vities. iscus-

Tufts,

ginia,

Mod-

er J.

ginia,

con-

Vice

Zu-

exico

Uni-

new h A. y of

atom

SMS

rk.

CONFERENCE GRADUATE AND POSTGRADUATE MEDICAL EDUCATION

(Continued from Page 748)

research and study, gave a most interesting talk on the work of the Navy in which he served. He presented moving pictures of the "Operation Crossroads," showing the enormous preparations and carrying out of the two atom blasts at Bikini, one in the air and one under

Participants in Conference

SALVADOR ZUBIRAN, Rector, The National University of Mexico, Director, Hospital for Nutritional Diseases JAMES P. BAKER, Director of Continuation Education, Medical College of Virginia

WALTER A. BLOEDORN, Dean, School of Medicine, The

George Washington University
MERL CARSON, Assistant Dean in Charge of Postgraduate Affairs, Washington University School of Medicine M. Don Clawson, President, Meharry Medical College

HOWARD H. CUMMINGS, Chairman, Postgraduate Medical Education, University of Michigan Medical School WARD DARLEY, Dean, University of Colorado School of Medicine

WILBURT C. DAVISON, Dean, Duke University School of Medicine

JOHN E. DEITRICK, Director of Postgraduate Instruction, Cornell University Medical College

C. E. DE LA CHAPELLE, Associate Dean; Director, Postgraduate Division, College of Medicine, New York University

HAROLD S. DIEHL, Dean of The Medical Sciences, The Medical School, University of Minnesota LESTER J. EVANS, The Commonwealth Fund

A. C. Furstenberg, Dean, University of Michigan Medical School

HANCE F. HANEY, Head of Department of Physiology, University of Oregon Medical School FORD K. HICK, Assistant Dean in Charge of Postgraduate Instruction, University of Illinois College of Medicine

JOSEPH C. HINSEY, Dean, Cornell University Medical College

CHARLES N. HOLMAN, Medical Director, University of Oregon Medical School

FRODE JENSEN, Director of Graduate and Postgraduate
Training, University of Colorado School of Medicine

E. M. MacEwen, Dean, College of Medicine, The State University of Iowa John T. McClintock, Director of Postgraduate Educa-tion, College of Medicine, The State University of

Iowa ROBERT P. McCombs, Director, Postgraduate Teaching, Tufts College Medical School

CURRIER McEWEN, Dean, College of Medicine, New York University

ROBERT A. MOORE, Dean, Washington University School of Medicine

WILLIAM A. O'BRIEN, Director, Postgraduate Medical Education, The Medical School, University of Min-

THOMAS M. PEERY, Director, Postgraduate Instruction, School of Medicine, The George Washington University

SAMUEL PROGER, Professor of Clinical Medicine, Tufts College Medical School and Medical Director, Pratt Diagnostic Hospital

W. T. SANGER, President, Medical College of Virginia TRAWICK H. STUBBS, Associate Dean, Emory University School of Medicine

GRANT TAYLOR, Assistant Dean, Duke University School of Medicine

JOHN B. TRUSLOW, Assistant Dean, College of Physicians and Surgeons, Columbia University

CHARLES F. WILKINSON, JR., Co-ordinator, Graduate Medical Education, University of Michigan Medical School

R. Hugh Wood, Dean, Emory University School of Medicine

GRAHAM DAVIS, President Elect, American Hospital Association, and Kellogg Foundation, Battle Creek.

William A. Hyland, president of the Michigan State Medical Society, and the Editor also attended, as well as about a dozen others not registered.

MICHIGAN UNIFORM FEE SCHEDULE FOR **GOVERNMENTAL AGENCIES**

A letter from the Department of Social Welfare extends the application of the Uniform Fee Schedule to still another agency. Ophthalmologists have been treating clients of the Aid to the Blind and Division of Services for the Blind in the State Department of Social Welfare. Until October, 1944, this consisted simply of examinations to determine eligibility to receive service. Since that time services have been extended to include medical diagnosis, medical and surgical treatment, guidance, and counseling, training and job placement for those who desired to become employable.

Eye examinations are authorized routinely for every "blind" client who comes to the department for service. The purposes of these examinations are as follows:

1. To determine degree of visual defect.

2. To determine possibility of improving vision by means of medical or surgical care, or correcting lenses.

3. To provide basic information to assist the department in helping the client to decide on a vocational

4. To establish a basis for relief statistics of blindness.

The Department may pay a rate which is no higher than the doctor's fee to any other public agency for the same service. It may, further, be no higher than his private patient rate. The doctor may use the Michigan Uniform Fee Schedule for Governmental Agencies as a guide, up to a ceiling of \$75.00.

This information is quoted from a letter sent to ophthalmologists on the department list.

ANOTHER PEARL HARBOR?

The Territory of Hawaii presented a serious threat for the introduction of socialized medicine, for three months, ending only with the adjournment of the Legislature on May 3. Had this legislation been enacted, it would have introduced in the United States a precedent with far-reaching implications and results-especially since Hawaii is moving toward statehood.

Based on a "Hospital Services Study Commission" report, two compulsory sickness insurance bills were introduced into the Legislature. In order to defeat the two proposals, the Territorial Medical Association engaged in a very intensive public relations program. The compulsory sickness tax bill failed to get out of committee, despite the efforts of various social workers and other proponents, including Nathan Sinai, Dr. P.H. of Ann Arbor, Michigan.

Ju



The fact that thousands of physicians are today using G-E X-Ray's Model F Portable is perhaps the most convincing evidence of its recognized value.

You too, would soon conclude that for office x-ray examinations, the Model F Portable atop your desk or table greatly simplifies matters; also that the inambulant patient is grateful for this service right in his home.

Within the practical range of service for which this unit is intended, the quality of radiographs it is capable of producing is second to none, regardless of price. You'll also appreciate the high standard of workmanship throughout.

The moderate investment required, and the potential value of a Model F in your practice, assuredly justify your investigation. Mail this coupon today.

General Ele	ctric X-I	Ray Corpo	oration,
Dept. 2610,	175 V	V. Jackson	Blvd.
Chicago 4, I	Ilinois		

Send me complete information on the G-E Model F Portable X-Ray.

Name.....

Address.....

City.....

GENERAL ELECTRIC X-RAY CORPORATION

JULY, 1947

threat

three

Legis-

ted, it

cedent

ecially

n" re-

ere in-

at the

on en-

. The

mmitother

f Ann

MSMS

eek.

R

333 Years of Medical Partnerships

By Henry C. Black and Allison E. Skaggs
Battle Creek, Michigan

HE ADVANTAGES of a partnership are much more apparent than its disadvantages, and fortunately most of the disadvantages may be eliminated by a thorough understanding of them and proper arrangements made at the start." This quotation from an article we wrote for this Jour-NAL⁵ ten years ago is as true now as it was then. Several years later we wrote briefly, discussing "Assistants-Associates-Partners,"2 outlining distinguishing characteristics of each type of association. Since that time frequent inquiries have indicated the interest being shown in medical partnerships and one need for more factual information. As a basis for this analysis, we have selected from our list of clients fifty small Michigan partnerships limited to two or three physicians.

Small groups such as this seem to be more common in Michigan than large ones although there are a number of groups which jointly own a building but practice separately. Several physicians may rent space individually from a common landlord, perhaps himself a physician, and the group may call itself the Dr. Blank Medical Group or the Blank Clinic, but few of these associations actually pool income and investment on a partnership basis. In the states surrounding Michigan, however, many large groups have been operating as partnerships for years. Why MSMS members have seen fit to prefer small partnerships is a matter for conjecture; certainly we would not venture an explanation. In any event, our experience with these larger groups has little bearing on our analysis of the smaller ones, and the problems of group practice do not properly come within the scope of this discussion.

Here are a few statistics about the fifty partnerships used in making our observations, most of which we insisted in organizing, all of which were clients of ours the first of this year, and had been regular clients for a variable period, averaging over three years. Thus our information is based on actual experience and not on an accumulation of figures from less accurate sources. The average age of these partnerships was 3.7 years; sixteen were in existence for from five to sixteen years, twenty-five from one to five years, and nine were started during 1946. Distribution as to locality was quite representative—several in Detroit, many in other cities and some in small communities.

Eighteen of the partnerships did general practice, while the other thirty-two limited their practices to one or more specialties. Strangely enough, however, only two practiced two different specialties within the same partnership (Medicine and Surgery), and in the thirty others the partners limited themselves to one specialty.

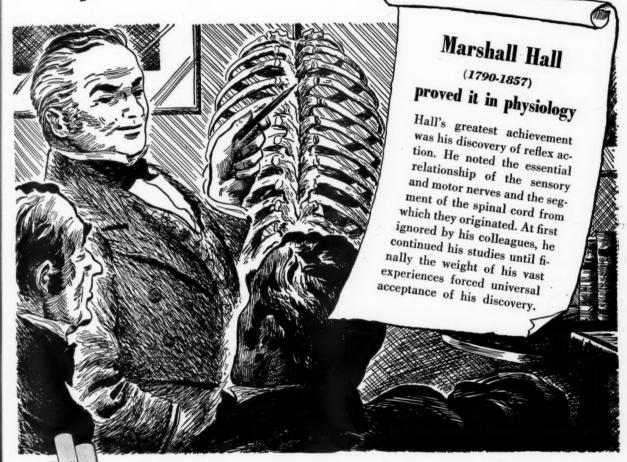
As to investment, further analysis shows that thirty-one shared ownership of the partnership assets equally, regardless of the method used to distribute profit. Only twenty-two divided profits equally, but nineteen others were working toward equal division, with the percentages changing from year to year. Nine partnerships based the division of profits in whole or in part on the volume of income each partner produced.

Before going into the specific recommendations which we feel are possible, it becomes necessary to explode two theories commonly entertained by physicians and their advisors; first, that the overhead in a partnership is less; and second, that the sharing of equipment, furniture, et cetera, results in a smaller investment per man. We find neither of these assumptions to be true. In a comparison of costs of practice for the years 1939,1,3 1944,4 and more recently 1946, it was found that the incomes, expenses, and investment per man varied in each of these years only because of changing economic conditions, and no differences of as much as 1 per cent could be found between the averages of individuals practicing alone and averages taken from partnerships divided by the number of partners represented.

We have pointed out repeatedly the importance of using adequate legal counsel in the preparation of sound partnership agreements and the extreme importance of good financial records. 6,7 The legal instrument should include, among other things, duration, ownership, distribution of profits, definition of expenses, and dissolution in the event of death or disagreement. In the case of Junior-Senior relationships, it is well to include any rights the Senior might retain as to control of policy. Beyond this, any specific detail which the partners

(Continued on Page 754)

Experience is the Best Teacher



Yes, experience is the best teacher in smoking too!



I was their experience during the wartime shortage of cigarettes which taught people the big differences in cigarette quality. People smoked many different brands then—whatever brand was available. And so many more smokers came to prefer Camels as a result of that experience that now more people are smoking Camels than ever before. However, no matter how great the demand, we don't tamper with Camel quality. Only choice tobaccos, properly aged, and blended in the time-honored Camel way, are used in Camels.

According to a recent Nationwide survey:

More Doctors smoke Camels

R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

than any other cigarette

JULY, 1947

everal small

prac-

prac-

ough, pecial-

e and

rtners

s that

ip as-

o dis-

profits

oward

from

vision

me of

essary ed by overat the results either arison 1944,4

varied inging

of as

n the

d av-

y the

rtance

ration

treme

legal

hings,

defi-

ent of unior-

rights policy.

rtners

MSMS

Say you saw it in the Journal of the Michigan State Medical Society

753

(Continued from Page 752)

care to include is permissible and often advisable, but in general simplicity is to be preferred to ambiguity, and a partnership is successful NOT because every possible detail is covered under the terms of a contract, but rather because the partners are compatible, have mutual confidence in each other, and use reasonable judgment in their business decisions.

The books of financial record should be set up by an accountant competent in the technical details of partnership accounting and familiar with the problems peculiar to medical practice. As we pointed out years ago, good financial records are most important in any practice, and a necessity where the income and investment of several partners are involved. Likewise the termination of a partnership upon the death of a partner, or because of the inability of the partners to get along, requires financial records sufficient to permit an orderly liquidation by a third party who may have only records on which to rely.

A sound financial position is always desirable in a partnership because "our" money and not "my" money is involved, and there have been too many cases in which depreciation reserves were divided as income, with a resulting lack of funds for replacement. This common error prompts us to urge that all partnerships use occasional accounting counsel to see that their records reflect the conditions they believe to be true.

Obviously some partnerships should not begin distributing profits on an equal basis. stance, when a physician with an established practice takes in a younger man, or when there is a substantial difference in age, training or experience, it is necessary to use a graduated percentage working toward but not necessarily arriving at an equal distribution in future years. Generally speaking, if the investment is equal even from the beginning of the partnership, it simplifies the bookkeeping and tends to stabilize the younger man. If the junior partner does not have enough money to "buy in," the senior partner can take his note, but actually paying for it as it becomes possible gives the junior partner a far better evaluation of the cost of his interest in the partnership.

When a partnership is formed among physicians, any of whom have uncollected accounts on their books, the question often arises as to whether they should be included in the partnership income as they are paid (perhaps adjusting percentages to compensate), or whether they should be collected by the individual doctor. In either case, good accounting is essential, and it may be done either way satisfactorily. too involved to discuss in detail here, sometimes there are tax advantages to a partnership through beginning and closing its books on other than a calendar year basis, in which case no previously earned receivables should be included with partnership receipts, unless the individual doctor gets and reports that income separately. Several other items require special treatment, such as the drugs and supplies already charged off as expenses by the individual, and used by the partnership after its formation.

Anyone who contemplates association with a partnership should know the other partners well, both professionally and socially, be familiar with their abilities, habits and ambitions, so that compatability and mutual interests are reasonably assured. If a young man is being considered as a candidate for a partnership, it is far better for him, as well as for the others involved, to consider his temporary employment long enough for all to qualify each other as a partner before an actual contract is drawn. The termination resulting from failure to get along under this arrangement is very simple as compared with the dissolution of a partnership, which at best is involved and sometimes even requires litigation.

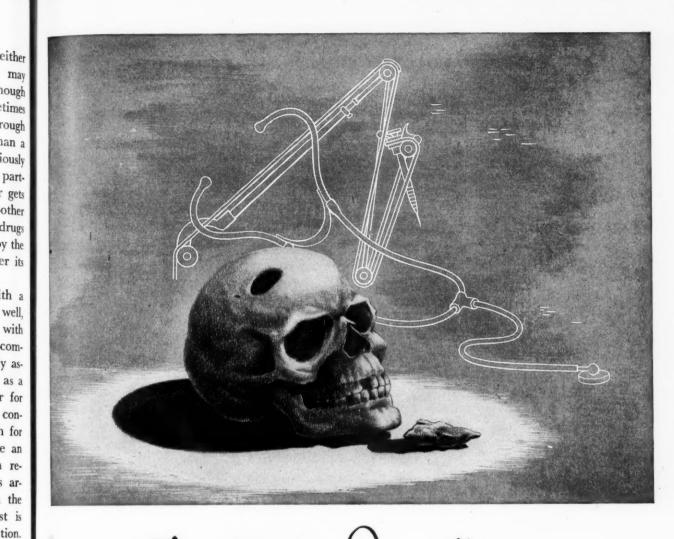
Conclusion

Our experience during the past fifteen years has shown us enough advantages in partnership practice to outweigh the disadvantages, provided proper precautions are taken before and during the lifetime of the partnership. The leisure not readily available otherwise; the counsel a partner can obtain from his associates; the frequent availability of better clinical facilities; the continuity of service to patients during absences; and, last but not least, the improved financial security-all of these are possible. The degree of their attainment is in proportion to the ethics, confidence and enthusiasm contributed by each partner.

Bibliography

- Black, Henry C., and Skaggs, Allison E.: A study of in-comes and expenses for 1939. J. Michigan M. Soc., (Sept.)

- Black, Henry C., and Skaggs, Allison E.: Assistants-associates-partners. J. Michigan M. Soc., (July) 1940.
 Black, Henry C., and Skaggs, Allison E.: Budgets. J. Michigan M. Soc., (June) 1938.
 Black, Henry C., and Skaggs, Allison E.: Medical incomes in wartime. J. Michigan M. Soc., (July) 1945.
 Black, Henry C., and Skaggs, Allison E.: Partnerships. J. Michigan M. Soc., (Dec.) 1937.
 Black, Henry C., and Skaggs, Allison E.: The investment program. J. Michigan M. Soc. (July) 1937.
 Black, Henry C., and Skaggs, Allison E.: What you owe and what you own. J. Michigan M. Soc., (Mar.) 1937.



The First Operation....

The First Surgical Operation was performed with a sharp stone and firebrand in Neolithic Egypt. A skull was pierced to let out evil spirits. The patient survived. Modern trephining was on the way.

The First Dental Operation, in the era of the Pharaohs, was extraction by an instrument shaped like a goat's foot. Replacements were of wood, ivory, metal

buttons and ox teeth. Modern dentures were on the way. But the modern concept of the doctor's *responsibility*, as set forth in malpractice law, was *not* yet on the way.

A First Operation Today is wisely avoided by most doctors until they have secured their Medical Protective policy—providing, as it does, complete coverage and confidential preventive counsel.

MEDICAL PROTECTIVE COMPANY FORTWAYNE INDIANA

Professional Protection EXCLUSIVELY...since 1899

DETROIT Office: George A. Triplett, A. G. Schulz and Richard D. Wingate, Representatives
1015 Majestic Building, Telephone Cadillac 2556

JULY, 1947

has racrop-

the

adi-

can abil-

y of

but

l of

ain-

and

iatesfichi-

es in

ment

MS

Say you saw it in the Journal of the Michigan State Medical Society

755

National Health Bill

Statement by E. F. Sladek, M.D., Traverse City, Michigan Chairman of the Council, Michigan State Medical Society Secretary, National Conference on Medical Service

I feel that the ideology on which S-545 is based is sound; that it is a good bill. Should this bill become law, the health of our people can be materially benefited.

The efficacy of any national medical care program can be judged only by its value at the local level.

I speak from the local level, as I have spent twenty-seven years in the practice of medicine in Traverse City, Michigan, which has a population of 15,000 and serves a rural area having an additional 10,000 population. This region is typical of those areas in the United States which are removed from the immediate influence of great urban centers.

Advantages of the National Health Bill of 1947

1. It Continues and Encourages Voluntary Prepaid Medical Care Plans

In areas such as my 25,000 population county, the operation of a voluntary pre-payment medical care plan has, over the past few years, resulted in the correction of many long-standing disabling defects among the people and has made a major contribution to the health of the entire population. S-545 favors a continued development and encouragement of such voluntary pre-paid medical care plans. This is a highly desirable feature of any national health plan, as it permits people having a relatively small income to budget their funds to defray the cost of unforseeable illnesses, accidents and surgical repair.

2. Care is Adequate Under Voluntary Prepaid Medical Care Plans

The care given under voluntary pre-paid medical care plans is adequate to meet the needs of the people. In my locality, it has been demonstrated repeatedly that those who carry such protection need not and do not worry about receiving care for any illness which would seriously impair the health of the person or his ability to make a living. I must qualify this by saying that this does not

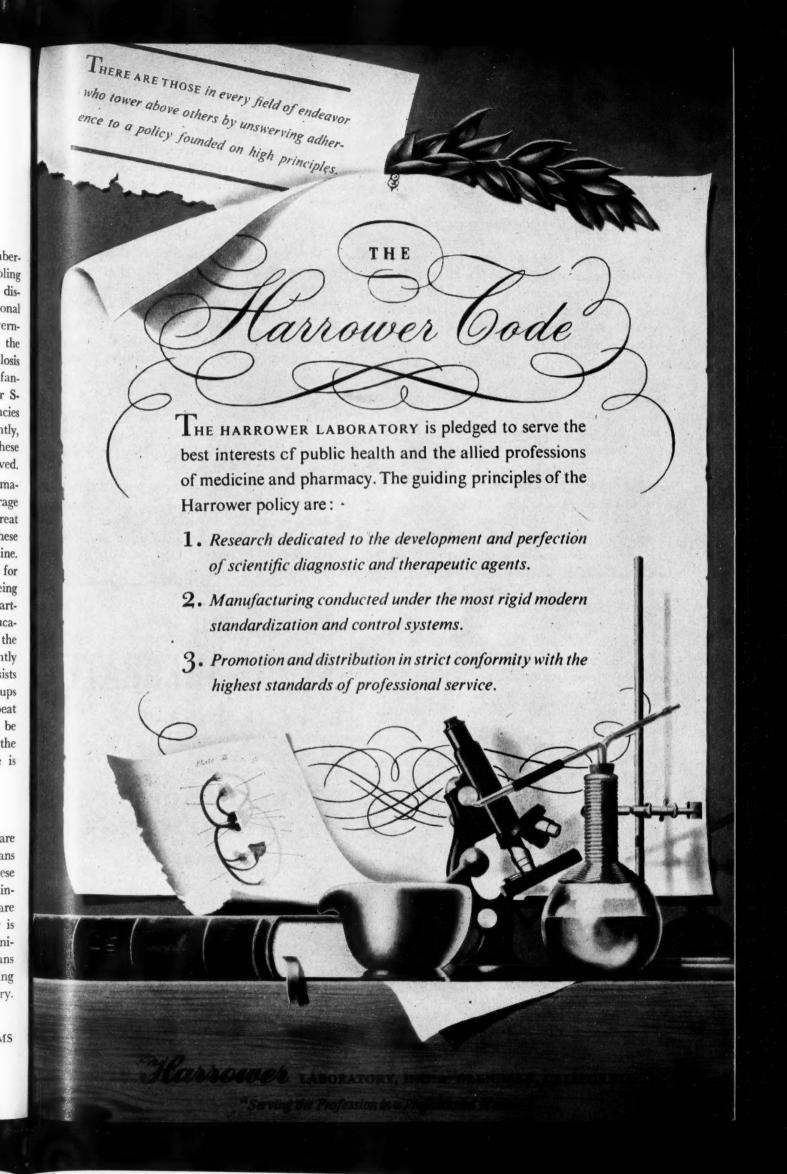
provide for care in extended illnesses such as tuberculosis or infantile paralysis and such disabling disease. However, those afflicted with such diseases are being cared for under state and national programs of both a governmental and non-governmental variety. I refer to such programs as the Vocational Rehabilitation Service, the Tuberculosis Commissions and Associations, the National Infantile Paralysis Association and so forth. Under S-545 all medical services by governmental agencies will be under one directive head and consequently, because of a more uniform type of service, these patients can be more efficiently covered and served.

This protection provides care for the great majority of cases which physicians on the average meet in their daily practice, and thus the great majority of illnesses confronting the people. These contracts do not provide for preventive medicine. To do so would be unnecessary duplication for preventive medicine from the state level is being taken care of most adequately by the state departments of health, medical societies, various educational organizations and departments. On the local level, preventive medicine is not sufficiently expensive to be of great concern since it consists mainly of inexpensive regular physical checkups and a knowledge of healthful living. I repeat when the voluntary medical care program can be placed within the reach of all who desire it, the health of the people insofar as medical care is concerned will be adequate.

3. Desirable to the Patient

From the standpoint of the patient, the care given under voluntary pre-paid medical care plans is the most desirable of any variety. Under these plans the patient-physician relationship is maintained; the facilities of the best institutions are available; the stigma, if such exists, of charity is not present; red tape is cut to an absolute minimum; the care of the patient is given by physicians of the patient's choice; delay in the administering of medical care in emergency cases is unnecessary.

(Continued on Page 758)



(Continued from Page 756)

4. Satisfactory to the Doctor

Voluntary pre-paid medical care plans are satisfactory from the standpoint of the doctor. It provides him with adequate recompense for his services so that he can locate in any area in which there is adequate demand for a doctor and thus provides a means for the proper and adequate distribution of medical care to all areas. He feels confident in the administration of such plans for representatives of his own profession, elected by him, serve in administrative and in advisory capacities on the governing boards. By daily experience, he is familiar with the procedures, forms and implementations. He feels he is carrying on the traditions developed under the private practice of medicine which have proved to be most capable of advancing the standards of his profession.

A classic example of how the voluntary pre-paid medical care plan can be adopted to care for the medically indigent is supplied by the "home town" plan for the care of veterans now being carried on in Michigan under Michigan Medical Service. The type of co-operation which may be expected from doctors under such a plan is evidenced by the fact that while no veteran has been given less than adequate and proper care, nevertheless only 60 per cent of the authorizations for care granted by the Veterans Administration have been used by our Michigan doctors of medicine. Example: a veteran is allowed ten treatments for his particular illness; the doctor who would have been paid for ten treatments finds the patient needs but six treatments to effect a cure; the government has been spared the cost of the additional four treatments. This record indicates that the doctors far from being greedy as is occasionally charged have given veterans the best care they knew with results beneficial both to the patient and to the government. That is the kind of co-operation that can be expected from a voluntary medical care program in which the medical profession has confidence.

5. It Would Enlarge Coverage of Voluntary Medical Care Plan to Include the Medically Indigent

The value of such plans is not disputed. It is only their limited coverage which seems at fault. S-545 is a remedial measure which will go far to extend the coverage of these plans so that any person who so desires can receive their benefits.

In others words, it will provide coverage for that income group known as the medically indigent—those who can provide themselves and their families with the basic necessities of life, i.e., food, clothing and shelter, but may not be able to protect themselves financially against unpredictable illness. This group represents a good percentage of the people of such an area as Traverse City. By the extension of such coverage as is given by voluntary pre-paid medical care plans to the medically indigent, S-545 will render a second great service.

Service Can Be All-inclusive

If particular groups are included under the Taft-Ball-Smith-Donnell Bill, such as clients of old age assistance, aid to dependent children clients, welfare clients and others now being cared for under other government plans, the voluntary group medical care plans can include them, similar to the manner in which they have accommodated the Veterans Administration and its great pressing problem—a plan which works equally as well in my community of 25,000 population as in the largest cities of the state.

THE EVANS-SHERRATT COMPANY

KELLY-KOETT
X-RAY EQUIPMENT
and supplies

TEmple 1-2310

1238 MACCABEES BLDG. DETROIT 2, MICH.

Ju



Menopausal Relief...

Plus

A General Sense of

Well-Being

There is usually a "plus" in the treatment of the menopause when "Premarin" is employed. The "plus" is the gratifying "sense of well-being" so many women experience following orally active "Premarin" therapy. It is the intangible factor which, added to relief of distressing symptoms, enables the middle-aged woman to resume her normal routine of useful and enjoyable occupations.

To permit flexibility of dosage and enable the physician to adapt oral estrogenic therapy to the particular needs of the patient, "Premarin" is supplied in three potencies:

Tablets of 2.5 mg. bottles of 20 and 100. Tablets of 1.25 mg. bottles of 20, 100 and 1000. Tablets of 0.625 mg. bottles of 100 and 1000. Liquid, containing 0.625 mg. in each 4 cc. (1 teaspoonful) — bottles of 120 cc.

While sodium estrone sulfate is the principal estrogen in "Premarin," other equine estrogens . . . estradiol, equilin, equilenin, hippulin . . . are also present as water soluble sulfates. The water solubility of conjugated estrogens (equine) permits rapid absorption from the gastrointestinal tract.





CONJUGATED ESTROGENS (equine)

"Premarin"

AYERST, McKENNA & HARRISON Limited
22 EAST 40th STREET, NEW YORK 16, N. Y.

hat t miod,

ble age ity.

by the nd

ftige el-

ler dihe

he ng in he

Highlights of State Health Legislation, 1947

The few bills listed below are highlights of some 60 bills in the 1947 Legislature which dealt directly with or touched the practice of medicine. Report on all measures will be published in the August JMSMS.

The following bills were passed by the Michigan Legislature of 1947:

H.B. 451. This Act will implement in Michigan the provisions of the Federal Hospital Survey and Construction Act. As passed, the law is almost verbatim with the recommendations made by the MSMS Executive Committee of The Council. It calls for a Director to be appointed by the Governor to administer the act with the help of an Advisory Council. No crippling amendments were included in the bill as finally passed in spite of sundry attempts of a cultist organization to use it as an opening wedge for entrance into medical hospitals. The Act specifically provides against any attempt to use the provisions of the law to socialize medicine. Much of the credit for passage of this Act is due Representative Howard Estes of Birmingham, the introducer of the bill.

S.B. 274, 275. As passed these Acts will raise perdiem hospital rates under the Afflicted and Crippled Children's Acts to \$11 and the maximum surgical fee in the Michigan Crippled Children Commission fee schedule to \$90, a 20 per cent increase. (See You and Your Business, page 746)

S.B. 201. As passed this law will license and regulate vivisection. No damaging amendments were made to the bill as originally drafted, despite bitter activity by antivivisectionists aided by the vigorous promotions of a chain—newspaper.

S.B. 378. This Act will require immunization against diphtheria, whooping cough and smallpox as a condition precedent to entrance in school.

The following bills failed of passage:

S.B. 215. This bill would have permitted osteopaths to certify for the commitment of the insane to mental disease hospitals. It was passed by the Senate, but died in a House Committee despite extreme attempts of the osteopaths to make it a law.

H.B. 404. If passed, this proposal would have

excepted the chiropractors from the provisions of the Basic Science Law.

H.B. 405. This bill would have recognized naturopaths as a profession by licensing and regulation.

H.B. 166. Would have provided for licensing of industrial medical assistants, thus dignifying factory first-aiders with professional status.

H.B. 416. Would have regulated and controlled the sale of pets. This was an antivivisectionists' bill,

H.B. 495. If passed, this legislation would have prohibited vivisection and the sale of animals for vivisection purposes.

H.B. 439. Would have limited Blue Cross Plans to participating hospitals only and limited cash awards to the return of one year's premium. It was reported from Committee to the House floor, but after a heavy skirmish was referred back to Committee.

HEALTH PROPAGANDA PROBE DEMANDED

Free Press Wire Services

WASHINGTON, July 3, 1947.—A House expenditures committee has asked the Justice Department to proceed against six Federal agencies to stop what the committee called illegal expenditures on "propaganda" to influence Congress.

The propaganda program, the committee charged in a report, was designed to build up public demand for enactment of the Wagner-Murray-Dingell bill providing compulsory health insurance.

The committee said key personnel in the agencies planned to set up "health workshops" in strategic areas, for the purpose "of propagandizing farm and labor leaders to build up an artificial, federally-stimulated, public demand" for the legislation.

Citing a law against use of Federal funds for the purpose of influencing legislation, the committee named as "known to have participated in this campaign" the United States Public Health Service, the Children's Bureau, the Office of Education, the United States Employment Service, Agriculture Department and the Bureau of Research and Statistics of the Social Security Board

The committee said the evidence indicated that workshops, held in Saint Paul, Minn., and Jamestown, N. D., were planned, conducted, 'and largely financed with Federal funds.

It added that pamphlets and propaganda material were prepared to be distributed under the imprint of the CIO.

WISH YOU COULD STREET CH YOUR HOURS?



HERE'S HOW TO SERVE MORE PATIENTS

BETTER, QUICKER, MORE PROFITABLY

 If overwork is the order of your day, you owe it to yourself to investigate the timesaving advantages of the Ritter Ear-Nose-and-Throat Unit. Here—

at less than arm's reach—are the patient, the instruments and all you need for examination, treatment and operation. Under complete and continuous control are air, water, electricity, vacuum and waste facilities. You handle more patients, with less fatigue to yourself—and with the more efficient technique you quickly adopt, the benefits of your skill are increased.

• Let us demonstrate how the Ritter ENT Unit can aid you in utilizing your full operating skill.

"For Finer Equipment"

Randolph Surgical

SUPPLY COMPANY

PHYSICIANS AND HOSPITAL SUPPLIES
60 COLUMBIA ST. WEST — CADILLAC 4180 — FOX THEATRE BUILDING
DETROIT 1, MICHIGAN

JULY, 1947

is of

naula-

g of fac-

bill. nave

lans cash It oor,

ndi-

t to

the

ıda"

d in

for

ding

eas,

abor

ted,

the med

the en's ates

the rity

D., vith

rial

the

MS

Say you saw it in the Journal of the Michigan State Medical Society

761

Michigan Rural Health Conference

September 18-19, 1947

The first statewide Rural Health Conference in Michigan will be held at Michigan State College, Thursday and Friday, September 18-19, under the sponsorship of the Michigan State Medical Society with the co-operation of twenty-five other state organizations interested in rural health. H. B. Zemmer, M.D., Lapeer, has been named Chairman and Hugh W. Brenneman, Lansing, Secretary of the Conference.

The purpose of the Conference is to explore the needs and problems of health in rural areas. A constructive statewide rural health program and a stimulus to action are expected to result from the deliberations.

This meeting is the result of joint action by the Rural Medical Service Committee and the Public Relations Committee of MSMS. It is an implementation of Organizational plans of the MSMS Public Relations Plan which calls for "activity in connection with other Michigan groups interested in medical care and health."

Members of the Committee on Arrangements for the Conference are: H. B. Zemmer, M.D., Lapeer, Michigan State Medical Society; J. K. Altland, M.D., Lansing, Michigan Department of Health; W. G. Armstrong, Niles, Michigan State Grange; R. J. Baldwin, East Lansing, Michigan State College; C. L. Brody, Lansing, Michigan Farm Bureau; Mildred Cardwell, Lansing, Michigan State Nurses Association; Graham Davis, Battle Creek, W. K. Kellogg Foundation; Carleton Dean, M.D., Michigan Crippled Children Commission; Ira Dean, Grand Rapids, Michigan Association of Welfare Boards and Board of Supervisors; Milon Grinnell, East Lansing, Michigan Farmer; A. J. Phillips, Lansing, Michigan Education Association; R. W. Tenny, East Lansing, Michigan State College.

Among co-operating organizations are: Michigan State College; Michigan Education Association; Michigan Foundation for Medical and Health Education; Michigan State Grange; Michigan Farm Bureau; Michigan State Social Welfare Commission; Wayne University Medical College; Michigan Department of Health; Ingham County Medical Society; Michigan Medical Service; Michigan State Nurses Association; Michigan Tu-

berculosis Association; Michigan Hospital Service; W. K. Kellogg Foundation; Michigan State Pharmaceutical Association; Michigan State Medical Society Women's Auxiliary; Michigan Hospital Association; Michigan Society for Crippled Children and Disabled Adults; American Cancer Society, Michigan Division; Michigan Crippled Children's Commission; Michigan Farmer; Michigan Junior Farm Bureau; Michigan Health Council.

The Program of the First Annual Michigan Rural Health Conference will be published in the August Number, JMSMS.

119 SCIENTIFIC AND TECHNICAL DISPLAYS

At the 82nd Annual Session of the Michigan State Medical Society, scheduled for Grand Rapids, September 23-26, 1947, 119 interesting and instructive exhibits will be located in the Exhibit Hall of the Civic Auditorium. They will remain open for your inspection from Tuesday noon until 5:00 p.m. on Tuesday, Wednesday and Thursday; and until 11:30 a.m. on Friday. Two hundred and seventy-seven demonstrators will man these exhibits, for the convenience of the estimated 1,800 physicians who will attend the MSMS convention.

ARTIFICIAL LIMBS

New and Improved Artificial Legs and Arms



Precision made, artificial limbs manufactured by us have made Rowley users capable of doing most everything the normal person can do.



F. O. PETERSON All work under the supervision of F. O. Peterson, President.

J. L. Gaskins, Vice-Pres.

do.

E. F. Schmitt, Sec'yTreas.

FULL RANGE OF BRACES AND

TO. 8-6424 TO. 8-1038

E. H. ROWLEY CO.

F. O. PETERSON, Pres.

11330 WOODWARD AVE.

DETROIT 2

35 Years in Business

BRANCH: 120 S. DIVISION ST., GRAND RAPIDS



the art of eating

Too many people "seem to feel that the art of eating consists of filling the stomach to capacity three times a day." They ignore the fact that "calories alone do not make a balanced diet." They need, therefore, and will continue to need, support of vitamin supplements. To better reconcile the science of nutrition with the "art of eating," Upjohn provides a full range of potent, balanced vitamin preparations. In a variety of dosage forms, Upjohn vitamins help paint a better nutritional picture for all age groups by obviating deficiencies or providing for their treatment in the practice of medicine and surgery.

 J. South Carolina M. Assn. 52:186 (July) 1946.



FINE PHARMACEUTICALS SINCE 1886

UPJOHN VITAMINS

ice; harical bital bhil-Sohilgan cil. Ruthe

tate iber will um. uesand wo

SOCIALIZED MEDICINE CAMPAIGN

An appeal was made by the Michigan Physicians Committee for help in carrying on their work. Response has come generally from the

Such willingness to support a program that from the very nature of things cannot long benefit the donor bespeaks a generosity and enthusiasm

ST. JOSEPH, MICH. May 16 1947 NO.11

THE PEOPLES STATE BANK

PAY TO THE ORDER OF Michigan Physicians Committees 0100

Jenand 100 DOLLARS

KNOW YOUR ENDORSER H. P. MIN M. C. M. P. MIN M. C.

state but one outstanding contribution has appeared.

Dr. Witwer, Secretary-Treasurer, writes:

I am enclosing herewith a letter, together with a check, from Doctor H. P. Mix, of Riverside, Michigan. While I think we all appreciate the splendid sentiment expressed in this venerable gentleman's letter, I personally do not feel that I would care to assume the responsibility of accepting or rejecting this check; but, my opinion is that a man who has reached this age should not be expected to make any sacrifice, which is what this contribution probably represents; but I shall abide by your decision, whatever it may be.

that is truly worth commendation. We are glad to publish Dr. Mix's letter and a photostat of his check, which we hope and believe the officials returned with heartfelt thanks.

Riverside, Michigan

Stin

Saly

due

cor

rea

dir

mo

Sal

wh aft G

to

Dr. E. R. Witwer

Dear Doctor:

Would like to make remittance more but owing to reduced income and continued outgo, cannot spare more. My age, 96 coming October, see MEDICAL JOURNAL 1946, "State's oldest physician," is allowing very few medical fees at the present.

Wishing you best of luck for your fight for Doctor's rights, I am fraternally yours,

H. P. MIX, M.D.

PEDIATRIC CONSULTANTS

The Michigan State Medical Society is sponsoring a program of postgraduate education in pediatrics in cooperation with the Michigan Department of Health and the Departments of Pediatrics and Postgraduate Medicine of the University of Michigan.

William J. Morrow, M.D. and James C. Beesley, M.D., who have appointments on the staffs of the Pediatrics Department of the University of Michigan and the Bureau of Maternal and Child Health of the Michigan Department of Health, are the pediatric consultants in this program. These men will alternate for periods of four months at the University of Michigan and in the field. At the University of Michigan they will conduct short postgraduate courses in pediatrics, and in the field they will be available for pediatric consultant services to physicians. The field work began

July 22 in Midland County and extended into the counties of Gratiot, Isabella, Clare, Manistee-Benzie, and Wexford, ending August 29.

The postgraduate courses in pediatrics at Ann Arbor will be of two weeks' duration and will be conducted for physicians in groups of three or four. Physicians will pay for their own maintenance in Ann Arbor, but there will be no charge for tuition. Physicians who wish to make applications to take short courses in pediatrics should write to the Committee on Postgraduate Education, Michigan State Medical Society, Room 2040, University Hospital, Ann Arbor, Michigan. Requests for field services of the consultants should be made to the Bureau of Maternal and Child Health, Michigan Department of Health



Urinary Stimulation

hat

his als

n-d

Stimulation of urinary secretion with Salyrgan-Theophylline appears to be due chiefly to its renal action consisting of depression of tubular reabsorption. In addition, there is a direct influence on edematous tissue, mobilizing sodium chloride and water.

Salyrgan-Theophylline is indicated primarily in congestive heart failure when edema and dyspnea persist after rest and adequate digitalization. Gratifying diuresis usually sets in promptly and often totals from 3000 to 4000 cc. in twenty-four hours.

Injections at about weekly intervals help to insure circulatory balance for long periods of time.

Good results may also be obtained in chronic nephritis and nephrosis.

SALYRGAN, trademark Reg. U. S. Pat. Off. & Canada

JULY, 1947

SALYRGAN THEOPHYLLINE

Brand of Mersalyl and Theophylline

WELL TOLERATED POTENT MERCURIAL DIURETIC

Ampuls of 1 cc. and 2 cc. for intramuscular and intravenous injection. Enteric coated tablets for oral use.

CHEMICAL COMPANY, INC.

NEW YORK 13, N. Y. WINDSOR, ONT.

Premedical Education

For some years it has seemed desirable to provide an opportunity for teachers of premedical students to meet with medical educators and admission committees to discuss problems of mutual interest. Accordingly, Alpha Epsilon Delta, national honorary premedical fraternity, sponsored such a conference at the University of Louisville on February 21 and 22, 1947. The conference was attended by representatives of nine medical schools and nearly seventy undergraduate colleges and universities in the five-state area of Ohio, Indiana, Michigan, Illinois, and Kentucky.

The conference comprised two main sessions: One dealing with problems of the natural sciences in premedical and medical education and the other dealing with the problems in the social sciences and humanities in relationship to premedical and medical education. The first session was keynoted by a paper by Dr. John L. Caughey, Jr., Assistant Dean of the School of Medicine of Western Reserve University. This was followed by nearly three hours of discussion from the floor. The second session was similarly led off by a paper by Dr. Paul F. Bloomhardt, Professor of Biography, Wittenberg College. This also was followed by more than two hours of floor discussion. The dinner meeting on the evening of February 21 was addressed by Father Hunter Guthrie, Dean of the Graduate School of Georgetown University. His subject was "The Need for Liberal Arts in a Premedical Education."

Deep interest and concern was evidenced regarding the methods, content and direction of current premedical and medical education. There was almost unanimous agreement that we have tended to overemphasize the science content of premedical education to the neglect of the social sciences and humanities. evident that there is much concern with the state of our society, with recognition of the tremendous social turmoil, the instability and indecision that characterize the present. It was felt that the medical profession, both in its educational processes and in practice, must become more cognizant of and responsible for the social ills that beset us. The plea was voiced by all the medical educators present for men and women of high character, ideals, social consciousness and conscience, maturity and stability to deal with the problems of our society.

There was complete agreement among both premedical and medical teachers that students preparing for the study of medicine should be thoroughly grounded in the fundamentals of physics, chemistry and biology required for admission to medical school but no more; and that they should be encouraged—and even required to take more courses in the social sciences and humanities. All agreed that piling up credits in science far beyond those required for admission was undesirable and to be discouraged. It was recommended that students take the full four-year liberal arts course leading to a bachelor's degree with about 50 semester hours in the natural sciences and the remaining 70 to 80 hours in the social sciences and humanities. It was urged that statements to that effect be included in the bulletins of the medical schools and suggested that such statements be solicited by the sponsors of this conference for that purpose.

Many medical educators feel that foreign language requirements for admission to medicine should be dropped. At the same time, it was felt that foreign languages should be retained in the college degree programs as a part of the liberal education the degree should imply. It was suggested that so far as the medical schools are concerned Greek and/or Latin might well be used to satisfy the language requirements in the colleges as these languages provide a more useful basis for scientific and medical terminology than modern languages do.

It was generally stated to be the practice of admitting officers to select their freshman students on the basis of three factors: first, an estimate of general scholastic ability and performance, as a working rule requiring about "B" averages for acceptance; second, personal qualifications, including character, social personality and emotional stability as indicated by interviews by the admission committee and recommendations of premedical educators; and third, the results of the Aptitude Test and in some cases the Graduate Record Examination.

The moral and religious aspect of education was presented in Father Guthrie's paper. His remarks produced a strong impression on the group, indicative of the growing concern for the problems we face in that area of education.

Altogether, the conference was unusually well received and all attending appreciated the fact that the program included all three aspects of education—the natural sciences, the social sciences and humanities, and the moral and religious. A complete report, including the papers and discussion, appears in the May issue of The Scalpel, official magazine of the fraternity.

HUGH E. SETTERFIELD, National President, Alpha Epsilon Delta

EXTENDED SERVICES MMS

Periodically it has been proposed by groups of doctors that Michigan Medical Service extend its coverage to operations in the home and office, in order to relieve the tension on the hospital beds, and to make more services available to subscribers. This has not been feasible, but at the last meeting of the Board it was voted to take certain selected groups and make available certain specified services to be performed outside of the hospital. These are services now scheduled for twenty dollars or over. This is an experimental program to determine costs and feasibility, and is limited as to groups, services, and time.

Made to Measure Service

SURGICAL CORSETS - SPINAL BRACES

Each support is individually designed for your patient . . . the proper degree of flexibility or rigidity you prescribe is assured.

Supports for deformities, pregnancy, post-operative, sacro-iliac, lumbo-sacral cases are designed, manufactured and fitted at our convenient location.

This service has long been indicated as essential by the medical profession. You and your patients will welcome this personalized fitting for surgical corsets and supports which guarantees complete satisfaction. While quality is high, prices are maintained at a most reasonable level comparable to ordinary stock garments.

ORTHOPEDIC APPLIANCES ARTIFICIAL LIMBS

The same care is given your prescription for braces or limbs to assure the best rehabilitation of your patient.



Illustrated Catalog and Prescription Pads Furnished on Request

D. R. COON CO.

4200 WOODWARD AVE. COR. WILLIS
TEMPLE 1-5103 DETROIT 1

Formerly the OTTO K. BECKER CO.
Owned and Managed by D. R. Coon since 1944

was n the such rence

uage

reign

pro-

nedinight

the

basis

lan-

ting

s of

astic

ring

onal

and

lical

Fest

was

oro-

rea

re-

the the

ing

of

lta

to the ces

ke

ci-

al.

or

ne

S

1.

Political Medicine

START HEALTH INSURANCE PLAN, TRUMAN ASKS

Washington, May 19 (AP)-President Fruman asked congress today to make at least a start at this session on a national health insurance program.

Some senators already are preparing legislation. But with the Republican leadership planning on a July 31 adjournment and much business still remaining, prospects for the health program appeared uncertain.

Mr. Truman's message, completed at Grandview, Mo., over the week end and sent to the Capitol today urged "a national health insurance program" which would provide money to all persons covered by it for two purposes:

1. To pay their necessary hospital, doctor bills and dentist bills.

2. To reimburse them, at least in part, for earnings lost by "illness or disability" not connected with their work.

Leaves Details to Congress

The message indicated that the President wants all men, women, and children in the country to be assured of "needed medical attention" by the insurance plan. But he left to congress the details as to just who would pay the premiums, and how much should be contributed directly by those paying the premiums and how much by the federal treasury.

When the President first presented his recommendations to congress in 1945, the White House called the plan a "compulsory" system in which all wage earners would be required to participate, as they must now in the social security program.

The word "compulsory" did not appear in today's message, although reference was made to the 1945 proposals. And today's paper said that the program should be one by which "all people who are covered by it" would have their necessary medical expenses paid.

Taft Favors Volunteer Plan

Sen. Taft (R., O.), among other congressional leaders, favors a voluntary health insurance plan, in which citizens would be free to participate or not as they choose. He also wants emphasis on local administration.

Mr. Truman wrote that "a national health insurance plan can and should provide for administration through state and local agencies, subject only to reasonable national standards."

The 1945 message declared that "this is not socialized medicine," in reply to opposition arguments advanced earlier on that angle. Today's message contained no direct allusion to that argument, but it asserted that:

"Under the program which I have proposed, patients can and will be as free to select their own doctors as they are today. Doctors and hospitals can and will be free to participate or to reject participation."

Urges Other Projects

The chief executive also called anew for congress to set the federal government at work on three other matters he recommended in 1945. These are to provide:

"1. Adequate public health services, including an

expanded maternal and child health program.

"2. Additional medical research and medical educa-

"3. More hospitals and more doctors-in all areas of the country where they are needed.

"I am pleased to observe that important advances were made by the last congress toward realization of some of the goals which I set forth in my earlier message," Mr. Truman wrote. "But we must not rest until we have achieved all our objectives. I urge this congress to enact additional legislation to authorize the program I have outlined, even though the fulfillment of some aspects of it may take time."

Greatest National Resource

The President declared at the outset:

"Healthy citizens constitute our greatest national resource. In time of peace, as in time of war, our ultimate strength stems from the vigor of our people. The welfare and security of our nation demand that the opportunity for good health be made available to all, regardless of residence, race, or economic status."

His earlier message recalled that 5 million men, onethird of those examined, were rejected in the draft.-Chicago Tribune, May 20, 1947.

OPPOSITION IN 1934; SUPPORT IN 1947!

Nathan Sinai, Dr.P.H., Ann Arbor, subscribed to the following statement in the report to the MSMS House of Delegates in April, 1934, re his study of health insur-ance in England in connection with the proposed "Mu-tual Health Service," under consideration at that time:

"In presenting this report your commission wishes to record its opposition to the introduction into the United States of any system of health insurance now existing in any country in Europe. No system conforms at present with all the policies adopted by the Michigan House of Delegates in July, 1933. These policies are:

- 1. Free choice of physician by the insured.
- Limitation of benefits to those of medical serv-
- The control of medical service benefits by the
- profession.

 The exclusion of individuals or organizations
 in health insurance f that might engage in health insurance for profit." (The italics are ours.—Ed.)

DIETS DIETS DIETS

42 - PREPARED DIETS - 42

Write today for complete list

Special Introductory Offer INDEXED FOLIO FREE WITH INITIAL ORDER

200 ASSORTED DIETS - \$6.50

Imprinted with physician's name and address. check with order, giving printing instructions. six days for delivery in state.

AMERICAN DIET SERVICE

424 Book Building, Detroit 26, Mich.

The JOURNAL

of the Michigan State Medical Society

ISSUED MONTHLY UNDER THE DIRECTION OF THE COUNCIL

VOLUME 46

uca-

is of

nces

n of mes-

until

ram as-

nate

wel-

por-

ard-

the

use

sur-

ne:

for

S

JULY, 1947

NUMBER 7

Development and Use of the Psychiatric Out-Patient Department

By Arthur H. Ruggles, M.D. Providence, Rhode Island



THE NEED for preventive psychiatry has long been recognized, but received its greatest impulse during World War II and the postwar period following.

I am sure we all agree that one of the very best services in preventive medicine is the adequate out-patient department.

My remarks will be confined to the neuropsychiatric clinic, but many of the inferences may well be applied to other specialties.

In the field of the neuroses, early out-patient treatment is generally accepted to mean the attempt to prevent chronicity and hospitalization, with their attendant costs in time, money, personal happiness, social and economic dislocation. But to my mind, it means more than that. It means on the positive side, an opportunity to help people to function more effectively, live more fully, get a perspective on themselves and their situation. Like Chinese doctors, I visualize the job of the neuropsychiatric clinic of the future as primarily to keep so-called normal people well and happy, by giving them an understanding of themselves and the meaning of their behavior, by seeing them through crises, which might swamp them

unassisted, or lay a pattern of defeat, (as is possible, under given circumstances, with any one of us here in this room), and by helping them to realize their potentialities and accept their limitations.

One of the great therapeutic advantages of outpatient care, especially in the field of emotional maladjustments, is that during treatment the patient is usually able to remain at work (clinics should provide at least one opportunity for evening appointments) and live at home (provided the home environment is good); so that he has the security of a job, the help of his family, and can work through his difficulties and practice his newly won attitudes in his normal surroundings, as might not be possible in the more artificial environment of a hospital.

In the past, many of our out-patient departments have been organized and conducted on an antiquated basis, being dependent on the *voluntary* services of the out-patient staff. This was based on the old idea of the apparenticeship system, which held that the young physician must gain his experiences via the OPD route without remuneration. As someone once put it (I am afraid with a good deal of justification), "The poor are God's greatest gift to the interne."

Under this system, the young physician struggling to make a living, necessarily cut the outpatient corners, if he could see a paying patient before he reported to the clinic, or by leaving the clinic early in order to keep an appointment at his office. There was seldom adequate time for careful investigation and treatment of cases. Patients would come in at 9 o'clock in the morning, perhaps to be seen only at noon. In the meantime, they sat huddled on the benches, irritated or dispirited by the monotonous waiting, regaling each other with their manifold symptoms; until it

Presented at the Eighty-first Annual Session of the Michigan State Medical Society at Detroit, Michigan, September 26, 1946.

was not uncommon that a neurotic, by the time he saw the doctor, had added to his original symptoms several more which he had acquired from his fellow sufferers.

When the patient's turn finally came, examination too often was cursory. His physical complaints were often discounted as neurotic imaginings, and insufficient medical investigation made. Social investigation, in the sense we know it today, with the emphasis on the individual and his environment, was almost non-existent; concern being centered, usually, on the economic status of the patient's family and their sources of income. The patient-load per doctor was heavy. It was not uncommon for a physician to try to see five new cases and twenty old cases in a single brief morning. In the parlance of the soldier, many patients inevitably got the "brushoff." The last patient seen, all too often was only asked, "What do you complain of?" The hurried answer most frequently was insomnia, nervousness and lack of appetite. The doctor's response, "I'll give you prescription No. 17. Take a teaspoonful three times a day and come back in three weeks, if you do not feel better." When the patient did return, it sometimes happened that he saw a different doctor, the first doctor having served his period.

Under these circumstances, it is understandable that the patient's condition often remained undiagnosed and was therefore inadequately treated—if this procedure can be dignified by the term "treatment." Equally important, the patient himself keenly felt the superficiality of this approach, resented being treated as a number, and had little confidence in the therapeutic effects of the prescription or the advice handed out to him. The resistance of a considerable number of veterans to OPD community clinics is, in my opinion, largely to be attributed to the impression created by these "charity clinics" of old.

Against this out-dated organization, what is our concept of a model neuropsychiatric out-patient clinic today? Most of us have certain ideas about it; much has been written and theorized about it; but when we look about us there appears, in actual practice, to be a good deal of divergence with regard to the organization and operation, and even orientation, of existing psychiatric clinics. In short this may be attributed to the shortage of trained personnel, resulting in unavoidable compromises under pressure of necessity. But even more, it

would seem to be due to a lack of a clear concept as to what constitutes adequate out-patient care, The truth is, we are on the threshold of a new era in psychiatry, with the major concentration on the nervous and emotional difficulties of normal individuals in their daily living, rather than the abnormal, requiring custodial care. The experience of the Army and the Navy during the war pointed this out: most of the work of the military psychiatrist was concerned with keeping personnel on the job or returning them after brief hospitalization, to their posts; only a small fraction of their time was devoted to psychotic patients. The same swing is taking place in civilian psychiatry. Yet in the department of out-patient treatment, we are without the orientation and pattern we have developed over the years for in-patient care. We still have to clarify our therapeutic goals more specifically, to establish more clearly our criteria for referral, to determine what is the most efficient organization, the most effective procedure and the estimated cost of qualified out-patient care. This can only be acquired on the basis of factual data, gathered at the source. Military experience has given us a fine start, but it was a specialized situation; we have a growing group of able young psychiatrists trained in psychotherapy or in training; and we have a growing number of highly qualified mental hygiene clinics blazing the way for what the modern neuropsychiatric out-patient department should ideally be.

case

be (

thre

The

tho

the

hav

a V

ma

to

ha

pr

pr

m

pi

u

C

On the basis of our experience at Butler Hospital—albeit our Out-patient Service has been in operation only nine months—and of my own contact with war psychiatry, I propose to outline what to me seem some of the significant characteristics of a clinic offering adequate psychotherapy. We do not presume, at Butler Hospital, to have all the answers; we ourselves are still groping; but we have, from the beginning, considered our outpatient clinic as a therapeutic research project and to this end have kept more exhaustive and detailed records than ordinarily indicated.

In the first place, it clearly appears that adequate out-patient treatment necessitates a full-time paid medical staff, as against the old system of voluntary service. The staff should be organized as a team, consisting of psychiatrist, clinical psychologist, psychiatric social worker and psychiatric nurse. The number of representatives from each of these professions will be determined by the

case-load. Ideally, it seems to me that there should be one psychiatrist for every two new patients and three old patients seen in the morning, or evening. The psychiatrist in charge of the clinic must be thoroughly versed not only in modern psychotherapy, but in good medical practice; he should have an apprenticeship in a mental hygiene clinic, a wide experience with and understanding of normal behavior and the departure from it. Needless to say, the other members of the team should also have a thorough understanding of the modern principles of dynamic psychiatry. The dearth of professional personnel at the present time, makes it impossible sometimes to assemble a team, every member of which is fully trained and experienced; hence the importance of a supplemental training program conducted by means of regularly scheduled staff conferences. The staff conferences, of course, are vitally important for therapeutic reasons; it is here the Chief brings together all the findings, defines procedures aimed at the effective integration of the various departments of the clinic, and heads up the treatment program.

pt

ne

n-

b-

ce

d

V-

el

e

et

e

-

e

r

e

5

In the second place, instead of the system of gathering large groups of neuropsychiatric patients together often for hours at a time, there should be a strict appointment system. No new patient should be given an appointment of less than one hour for the first visit, and follow-up visits should average at least one-half hour each. Not only should patients be seen only by appointment, but they should be seen promptly when they appear for their appointments. This is especially important with patients with neurotic conditions, where anxiety and exaggerated feelings of self abasement so often play a part.

Thirdly, the importance of comprehensiveness and thoroughness of examination cannot be over-emphasized. Every patient should be given a complete physical and neurological evaluation of structural and physiological aberations. At Butler, all laboratory and medical facilities of the hospital and its consultants are drawn upon. This may mean a consultation with the gastroenterologist, or with the laryngologist, or with the otologist, as well as with other specialists. Reports of these specialists are made in writing and included in the final résumé of the case by the psychiatrist in charge of it. As general medical men, you will be interested to learn how fully this consideration of the organic aspects has justified itself in our experience. In about

one-third of the cases seen, previously unrecognized or insufficiently treated physical conditions were discovered, which were basic to the patient's "nervous" condition, or had a direct bearing on it; such as a case of Hodgkin's Disease, tuberculosis and several cases of severe malnutrition.

The psychiatric examination may precede, follow or be interspersed with the physical examinations and tests. There is no set sequence at our clinic. The order depends somewhat on the availability of the various staff members and specialists; but primarily it is determined by the mood and concern of the patient himself. If he has a great need to unload, the psychiatrist may let him unburden himself and just talk uninterruptedly and unhurriedly for the first two hours. If, on the other hand, his anxiety centers on the "pains in his chest," it may be that a physical examination and possibly an x-ray would relieve his mind most. If his primary concern is his fitness to do a certain job or his desire to enter another field, it may be that he will first be sent to the psychologist for vocational aptitude tests.

The psychiatric examination includes history taking, psychological tests (including the projection techniques, such as Rorschach and Thematic A perception) and the first exploratory interviews with the psychiatrist (sometimes aided by pentathol). In our experience, we have found that eight hours is required on the average for history taking, complete physical examination and such psychological and laboratory tests as are indicated. The number of preliminary interviews with the psychiatrist will vary with the individual case. Actually, as with all other investigations, examination is a part of treatment, and there is no fine line that can be drawn between them. Indeed, the thoroughness of the examination, to a great extent, lays the foundation for the confidence of the patient in the treatment.

Definite treatment can only proceed on the basis of such careful studies. It is only when all the evidence is in, that the patient gradually emerges as an individual, not as a "case" of insomnia, or depression, or anxiety, but as Jimmy Jones, with his unique constitutional make-up and experiences, his personal motivations, his own family and work situation, whose symptoms may mean one thing to him and quite a different thing to another patient. This seeing of the patient in-the-round, as it were, is the very crux of mod-

ern psychotherapy. It takes time, patience, and an orientation keenly sensitive to the law of individual differences.

The number of treatment interviews that follow again will depend upon the individual and his needs. It may be that he only needs re-direction and re-orientation and that a few talks will straighten him out. It may be that deep therapy is indicated, requiring treatment over a considerable period. In any event, it is understandable, that once having formed his bond of confidence in his particular psychiatrist, it is this psychiatrist and no other, in whom he will have faith to continue treatment. Hence, continuity of treatment is another criterion I should like set up.

In addition to the treatment interviews with the psychiatrist, it may be that the patient will want to see the psychologist again, as his insight grows and he wishes to get a realistic picture of his capabilities. It may be that a visit of the psychiatric social worker to the home of the patient will be indicated, or that the patient's family will come for an interview with her, so that they too may grow in understanding and become an active part of the team. It may be that the patient will take part in the occupational therapy program conducted by the hospital for its in-patients—which we have found a valuable adjunct in some instances also for patients under out-patient treatment.

While the out-patient service at Butler was set up as a community clinic, the veteran case-load has been given priority, and has thus far absorbed most of the staff. From the period of January 1 to August 31 of this year, one hundred and forty-one patients made one thousand forty-two visits. The average number of visits was seven per patient. During the same period, thirty-five patients were discontinued for a variety of reasons. Thirty-eight were discharged as substantially recovered and sixty-eight were still under treatment at the end of August. Ninety-two of these patients were diagnosed as psychoneurosis, five as psychosis and forty-four as various other psychosomatic or organic disorders.

As I have previously stated, an average of eight hours is consumed on history taking, physical examination and psychological and laboratory tests. These eight hours are usually not considered as eight visits. Often three or four hours may be consumed in history taking and physical examination and be counted as one visit. I want to make it clear that we cannot generalize too much, as our whole tendency is to individualize, but you will see that the figures stated of one hundred forty-one patients making one thousand forty-two visits, bringing the average number of visits per patient up to seven, would be misleading if I gave you the impression that each hour counted as one visit.

you

my

trie

thr

bes

sul

cus

no

COI

be

am

thi

fee

ba

tic

hi

cli

of

pr

pr

m

be

pa

re

lu

ir

]

The results of such comprehensiveness, both of examination and treatment, summed up in the words of the Chief of our Out-patient Service, Dr. David G. Wright, may be; "there seems to be no doubt that the patients in general are strongly supported by, and very much appreciate, the attitude of the Out-patient Service, with its continuous emphasis on the most thorough investigation possible and the expenditure of whatever time is necessary to work through both the primarily somatic and primarily psychic aspects of the illness involved. An aspect of medical care for which the typical patient has felt, and has had, a great need, would appear to be that of being treated as a whole. He is a total organism complete with a body, thoughts, feelings and attitudes, inseparable from the environment in which he is functioning, and it would appear that he must be treated as such. In general, the patients have appeared to be most co-operative, appreciative and gratified by the treatment they received, whether or not speedy symptomatic improvement has taken place. Except in isolated cases, very few appointments have been broken without notice and without later communication from the patient in explanation. Where the patient terminated the treatment himself, it was usually for good reasons."

What are some of the comments of the patients themselves, as made to the members of the clinic's staff, or as we hear them from the doctors, the referring agencies, or their families? In their own words, what is it the patients say?

"There's no waiting around there; you just come in for your appointment and they see you right away. . . . They really listen to your story, and don't hurry you. . . . They tell you everything you feel or think is important. . . . I've had a buzzing in my ears for years . . . or a pain in my back . . . but the doctors always said it was imagination . . . I never could get them really to check it . . . but here they gave me the works, inside and out and when they couldn't find anything, I was satisfied, maybe it was in my mind. . . . They treat you like

you were a human being... it's the first time in my life I think a doctor really looked at me and tried to understand how it felt to be me going through what I was."

it

ır

11

e

it

e

f

0

e

C

ŀ

Let me submit: what, in the final analysis, is the best criterion of the adequacy of treatment? Results count, and, as in business, it is the satisfied customer whose opinion is the crucial one. It does not matter if we, professionally, feel the patient's condition is improved, if he does not feel much better himself; it does not matter if we have examined him to our professional satisfaction, if he thinks we have ignored or overlooked what he feels is important to his condition. The soundest basis for successful therapy is the patient's conviction that everything possible has been done for him, his confidence in and appreciation of the clinic's service. And, as in business, it is his opinion of out-patient treatment that will "advertise" the product and "sell" it, far more effectively than any program of public education. The cloud of distrust, fear and stigma, which has too long darkened mental conditions and their treatment, will only be dispelled as the word spreads, from one satisfied patient to another: "you should go up there, they really helped me. It would be good for anyone, just to get a better idea of themselves, whether they are in trouble or not."-Two cases may illustrate types of patients with whom we are dealing.—

Two questions of special interest to you, I shall just briefly touch on. One is the question of cost of treatment.

It is very difficult to get an accurate cost accounting of such treatment, but our best estimate, which we feel is undoubtedly a low one, is that the cost per visit is \$8.65.

This may seem to be an expensive type of treatment, but if large numbers in the community can, by this preventive service, be given efficiency on the job and be comfortable in their inter-personal relationship for approximately \$100.00, it is indeed a low financial expenditure. Especially in contrast to that necessitated by leaving the job and having weeks or months or perhaps permanent hospital treatment. We feel that in providing care for veterans, the medical profession must determine what adequate out-patient treatment is, and that the government must be prepared to pay for such adequate care, in service-connected cases, the cost of which may seem very great at the moment, but

we believe that by such adequate care, a large amount of the tax payers' money can be saved for the future.

The other question that may be in your minds is: Whom should you refer for psychiatric outpatient treatment? By what indications shall you decide that here is a man who complains of insomnia, whom you yourself, with your intimate knowledge of the patient and his family situation and his confidence in you as his family doctor, can probably help; and here is another, with a similar complaint, yet who should have specialized treatment? This is no easy question to answer in an hour or in a book, let alone in a few sentences. For it depends, of course, on the individual case. When pressed for a brief guide that will be practical and yet not too limiting, however, I have submitted two general criteria: one is the disruptive effect of the symptom, the other its duration. If you have a patient who is suffering with insomnia or nervous headaches to such an extent that his work is seriously affected or his home life jeopardized, and if this condition has continued without improvement over a period of time-let me say, for three or four weeks-despite efforts to help him, I would say that such a patient should be referred for psychiatric attention.

Case Record

Case 1.—Patient, S. W., aged twenty-five, single, unemployed at time of referral. Twenty-three visits over a seven-month period. Previous to Army service extremely out-going, active, competitive, social, and having a consistently good work record.

Brought up from earliest infancy by a sister twenty years his senior, married and unable to have children of her own. An unusually strong affection and identification with his sister-mother. Combat infantryman with ten months front-line combat in Italy with every man in his platoon a casualty. He, himself, wounded by sniper fire and evacuated because of wounds. Considerable portion of muscles of the right thigh destroyed and one testicle shot off. Appropriate tension during combat, present symptoms developing only after hospitalization for wounds.

Present symptoms, nausea, gastric distress, extreme irritability, depression, complete inability to associate with people or enjoy former interests. No significant physical findings. No significant laboratory abnormalities, x-ray of the chest and gastrointestinal series well within normal limits. Rorschach and TAT tests indicate average intelligence with functional impairment including constriction, stereotypy and lack of ability to establish normal relationship with people; feelings of anxiety and inadequacy indicated. Anxiety apparently tied up with own sexual organs and battle experiences. TAT content evidencing immaturity and great need for help.

The patient spent the first few hours airing resentment and disgust at his previous treatment by doctors and their treatment of his sister who at present is suffering parallel symptoms.

With the aeration, aggressive feelings became translated more and more into increased tension and activity to the degree that he impulsively hit a man sitting behind him in a movie because of annoyance at this man's noisy shifting about in his seat. Following this, the relationship of guilt feelings to hostility was discussed and intravenous sodium pentothal was begun. Under pentothal, without any suggestion by the therapist, tremendous abreaction of feelings of aggression and guilt took place. In the first pentothal interviews patient simply lived through traumatic experiences, particularly of his being wounded and his feeling responsible for the death of a friend and his knifing German outposts in the dark; having amnesia and an inability to synthesize these matters on his emergence from the effects of the drug.

At this point he developed red spotty dermatitis of the hands and of the wrists. Allergy skin test was negative. After further acceptance of his feelings of guilt under pentothal, three months after beginning of treatment, in which he frequently used the phrase "their blood on my hands," red spots on hands cleared up and the patient lost gastric symptoms, tension and fears, and began work. Insight increased with further pentothal interviews and the patient, himself, connected guilt feelings with castration fears as appropriate punishment. By six months after beginning treatment, the patient was entirely asymptomatic for a period of a month at a time, with very brief slip-backs into depression, capable of reversal by a single interview.

The patient is now engaged to be married, is busy with all his old interests and is working steadily.

Case 2.—Patient J. W., aged twenty-eight, single, unemployed at time of referral. Sixteen visits over a fourmonth period; previous to Army service, consistently good work record; conscientious, rigid with many interests. Family constellations essentially healthy and balanced and supporting. Air-gunner in heavy bombardment, flying out of England over Germany; hit by large fragment of flak on his fourth raid; shot down over Berlin on his fifth raid, damaging back in parachute jump and suffering frostbite of feet; badly beaten about the head by German civilians before being made a prisoner-of-war for twenty months, in the last four months of which prolonged forced march with food at starvation level. At this time feet became flattened and denuded of skin, thighs and buttocks and axilla became covered with dermatitis; teeth and gums began to bleed and to have profuse purulent discharge. On release from prison camp and until first contact with the Clinic no effective medical help had been given.

Present symptoms, depression, almost to the point of confusion; hopelessness; complete inability to be interested in work, play or people; pain in the back, feet, thighs; extreme insomnia and fatigability; anorexia; abdominal pain and griping; continuous foul breath; recurrent thoughts of suicide. He could not eat, sleep, sit, stand, walk or speak with anyone in comfort.

Physical examination consistent with history; blood count showing increased white cells; urine showing albumin, red cells and hyaline casts; sedimentation rate increased; urea nitrogen, variable, rising at times to 37 mg.; chest and abdomen essentially clear by x-ray examination. The electroencephalogram was classified as borderline abnormal with poor regulation and unusual distribution of normal rhythms with, however, no bilateral or localizing differences.

Psychological examinations show Rorschach signs of extreme constriction of the emotional life.

Treatment of physical difficulties by intense vitamin therapy; oral penicillin; arch supports prescribed by the orthopedist; and exercises for increasing the adequacy of the circulation in the feet resulted in the clearing of his mouth, stomach, skin, foot symptoms.

Psychotherapy, with the use of sodium pentothal, resulted in the catharsis of his held-in aggressive feelings and an understanding by the patient of his feelings of guilt and fear which had developed in large measure in relation to certain of his crew members. As the depression began to lift, the patient was started on work in the carpenter shop in the hospital, and within a month was able to return to his old interests and to do part-time work.

Recurrence of several of the symptoms were related in part to flare-ups in the state of the kidney damage which he apparently had. By the end of the four-month period, however, he stated that he was in all ways quite well, working hard every day, fishing and doing all kinds of jobs about the house; he spends most evenings with his girl and has no lack of confidence in his ability to handle a job which he expects shortly to take.

—— Msms

STOP-LOOK-LISTEN

STOP telling the patient there is nothing wrong with him but nerves—Don't say: "Go home and forget it." LOOK for the facts as the patient sees them. LISTEN attentively to patient's story.

If all persons would respect their nervous systems as they do their teeth, there would soon be as growing an understanding of nervous disorders as there now is of dental conditions.

Let the patient talk—it pays dividends

Placebos are dangerous—for the doctor to use when he doesn't know what else to do.

An ounce of understanding is worth a pound of medication.

Penny-wise and pound-foolish is the doctor who is concerned only with the physical aspects of disease.

Misuse of words may be more dangerous than the misuse of drugs.

-MICHIGAN MENTAL HYGIENE COMMITTEE

The Fundus Oculi in Diagnosis and in Prognosis

By Edmund B. Spaeth, M.D. Philadelphia, Pennsylvania



od

11.

37

av

ed

al

r-

of

he

e-

28

of

re

ie

k

h

d

e

11

E ACH TIME an ophthalmologist has the privilege of talking before a group of medical men, not limited in their work to his specialty, he hesitates a bit, and shortly decides to "consider the retinal blood vessels." I know this as a fact from former personal experiences, and the literature proves

it quite conclusively.

The ophthalmoscope, in medical diagnosis, is probably next in importance to the microscope, though granted a poor second. Further, when one speaks of the ocular fundi, it must be either in terms of vascular pathology, or relative to nerve tissue pathology, for it is these which are significant.

Both ancient and contemporaneous medicine have demonstrated repeatedly ophthalmologists functioning (perhaps masquerading) as internists, and neurologists. The reverse has occurred, but very rarely. It emphasizes rather strongly that early attitude of prewar German medicine, as exemplified by Heine, in considering ophthalmology as a branch of internal medicine. It also calls attention to the dislike various ophthalmologists have registered, and quite properly so, in placing ophthalmology on Undergraduate Medical School Faculties under the direction of the Chief of the Department of Surgery. It is true that ophthalmology has an important surgical side as a specialty, but so also have gastroenterology and neurology. The minutiae of anatomical details necessary to ophthalmic surgery is the only difference between ophthalmology and gastroenterology in their surgical attributes. The ophthalmologist did not steal this surgery from the surgeon, instead, the surgeon released it, gave it up willingly, in fact he sloughed

it gladly and with his blessing. One only needs to read the histories of the early ophthalmic surgeons to appreciate this.

One other comment aimed toward the same point stated above: that tremendous amount of work done, in the diagnosis and classification of hypertensive and toxic forms of arteriolar pathology, by ophthalmologists, could have been carried out only by men who were essentially learned physicians in addition to being excellent ophthalmologists.

Look to your medical book salesman for two relatively recent books written by ophthalmologists, 4,18 and a third, 9 in which an ophthalmologist was a most important collaborator, for material in the field of general medicine significant to every branch of medicine. Thirty years ago an ophthalmologist (Leber⁸) gave medicine a monumental work in this field which still continues as the source book for most similar efforts.

When discussing pathology of the ocular fundi one must, of necessity, differentiate between basic pathology of the choroid and the retina, and in turn these two from pathology of the optic nerve, remembering that this nerve consists of the terminal centripetally directed nerve fibers from the retina. By contiguity and continuity of these tissues, pathology in one must of necessity be followed by characteristic pathological changes in the others. In addition, the individual structure controls the type of pathology possible, and at the same time modifies the essential characteristics which develop from similar basic etiological factors.

The choroid is an organ, fundamentally vascular in anatomic characteristics, and from the standpoint of this paper to be concerned with morbidity seen in and transmitted by the blood stream as well as the macroscopic and microscropic alterations common to the blood vessels themselves—arteries and arterioles, veins and venules, as well as the capillaries. In addition to this, because the choroid is the most important nutrient coat of the eye, it is functionally the *sine qua non* of retinal integrity, hence of vision. Diseases which affect it may also involve the retina even to the subsequent destruction of the retina.

The retina, with a second basic blood vessel system, one peculiarly its own, is of neural ectoderm origin and presents not only the changes from blood vessel pathology, as just discussed relative to the choroid, but also those conditions to

From the Graduate School of Medicine, The Graduate Hospital, University of Pennsylvania.

Presented at the Eighty-first Annual Session of the Michigan State Medical Society at Detroit, Michigan, September 26, 1946.

which nerve tissue is heir, nerve tissue cells and fibers, both supportative and conductive—as each is individually involved, regardless of the basic etiology. The large ganglion cell bodies of the retina, the source of the optic nerve fibers to the external geniculate body, will show a selective affinity to various etiological factors quite different from that seen in another portion of the retina itself, as for example the rods and cones, and the contiguous pigmented neuroepithelium. Even the different types of nerve fibers themselves within the eye and in the cerebral pathways, respond differently to infections, to disturbed metabolic processes, and to the degenerations of senescence. The nerve fibers, both somatic and autonomic, for the iris reflex arc, and the pure visual fibers illustrate these diverse responses.

The optic nerve must be considered, ophthal-mologically, as a part of the retina, as well as a separate anatomic structure. The common finding is for pathology in one of the two to be accompanied by simultaneous and/or consequent pathology in the other. This is not necessary, however. Either may show pathological changes with the other remaining essentially normal, at least normal from a histological standpoint.

There is still an additional point to be considered, at this time, relevant to this discussion. It implies nothing whatsoever pedantic in nature. The ophthalmologist should differentiate a retinosis from a retinitis, excluding one from the other—ophthalmoscopically as well as etiologically. The various forms of retinopathy could be better discussed, under all possible circumstances, if this was done more meticulously by authors and clinicians. There are so many good reasons in favor of it, and none whatsoever contrariwise.

This paper today has, as the reason for its being, the presentation to you of various diseases of the ocular fundus, the result of inflammatory diseases of the choroid, the retina, and of the optic nerve. The presentation (it is hoped) is not ophthalmic but simply medical and intrinsically narrative.

The number of conditions which could be included is not large, and of these only a rather small number is being included. They cause a retinitis, a choroiditis, or an optic nerve neuritis, or any one of the possible combinations of these three structures.

Tuberculosis and syphilis, the retinal changes from such pyemic conditions as bacterial endocarditis (subacute especially), the fundus findings in septicemia, and the chorioretinitis of such conditions as vaccina and toxoplasmosis are to be discussed. The qualifying term—inflammatory—limits the paper rather sharply, but purposely.

pres

char

whi

left

year

in s

with

can

dia

reti

rar

fou

cas

ina

by

an

of

COL

Th

me

en

ou

ca

of

Sig

to

se

ex

in

of

th

F

Tuberculosis periphlebitis, tuberculous periarteritis, primary retinal tuberculosis, tuberculous chorioretinitis, the acute and chronic forms of miliary tuberculosis, primary tuberculosis of the optic nerve, massive tuberculoma of the fundus (probably an extensive form of choroidal tuberculosis), and extension of tuberculous pathology from other ocular structures are the usually accepted types of this disease. Retinitis exudative, probably better known as Coats' Disease, has at times been considered a tuberculous inflammatory condition but not so by Coats² himself. Leber¹⁸ assumed, according to Elwyn⁶ an inflammatory and necrotizing process in the retina to be the cause, but Leber's own microscopic findings eliminated this process as such, and placed it in that class, shown by Elwyn, to be due either to an abnormal constitution of the blood itself, or to a primary change in the blood vessels, especially the smallest of these.

Tuberculous periphlebitis, also known in part as Eales disease,³ is a disease usually of the late second and third decade of life, characterized by recurrent retinal and vitreous hemorrhages, a marked proliferation of connective tissue about the retinal veins and into the retina, and results not uncommonly in blindness either by retinal separation or because of a secondary glaucoma. The course of the disease may be long in duration, with repeated recurrence and with intervals of quietude.

Schmidt¹⁵ called our attention to the irregular relationship this has to generalized tuberculosis, especially the pulmonary form. In eight cases which he studied and followed, three showed tuberculosis of the lymph nodes, the possible source of the ocular infection; one case had a tuberculous focus in a tonsil, and in four cases the ocular disease preceded manifestations of tuberculous pulmonary disease, in one case by as much as three years. Schultz¹⁶ also was certain that this disease is due to a tuberculous process in the vessel wall and bases his treatment, because of this, upon rest, diet, and tuberculin therapy.

A case of this, unilateral, in a male, studied microscopically, by de Long and the author, 17 showed well the massive perivascular changes

present in the fundus. This patient has had no change in his basic, primary tuberculous condition, which was that of a cervical adenitis, nor has the left eye shown any fresh pathology for over five years. The bacillus tuberculosis has been recovered in several instances, from the retinal phlebitis; this, with the positive skin sensitivity test, plus a significant history, in many cases, seems to confirm the diagnosis and etiology.

IS

Retinal phlebitis, limited wholly to the central retinal vein, has been reported, but it is a very rare condition. Retinal periarteritis has also been found, though perhaps even more rarely. In one case reported by Muncaster and Allen,¹¹ the retinal vessel pathology seemed to be precipitated by the intradermic use of tuberculin—suggesting an allergy-like etiology for these vascular conditions.

Primary retinal tuberculosis and tuberculoma of the choroid, though separate entities, may be considered together, for our present purpose. These conditions progress to the secondary involvement of other portions of the eye, and usually end in an imperative enucleation because of caseous necrotic degeneration of the eyeball. In three cases seen by the author, two have, over a period of four to six years, shown no other new clinical signs of tuberculosis. The third case progressed to extraocular extensions of the tuberculoma, with severe exophthalmos before death occurred from extensive tuberculous pulmonary pathology.

Tuberculous choroiditis, with its consequent retinal involvement, including chronic miliary tuberculosis, also including that rather interesting form of chorioretinitis with pathologic sectioning of the optic nerve fibers at the optic nerve disc margins, known as chorioretinitis juxtapapillaris, are common diseases of the ocular fundus. No anatomic portion of the fundus is spared, and there is no predilection for the ocular blood vessels. These conditions are chronic, with frequent recurrences, and with the formation of new lesions in fresh portions of the fundus. They are diseases of early adult life, and are apparently a bit more common in females. These conditions have an onset of sharp inflammation, followed by self-limitation of the lesion, by necrosis of the inflammatory area and pigment deposition. A quiescent chorioretinitis remains, showing areas of atrophy of the retina and the choroid (the sclera being bared); these lesions rimmed about with deposits of pigment, and frequently with some residual pathological vascularization. Desseminated chorioretinitis, as outlined above, frequently fails to show other positive clinical signs or symptoms of tuberculosis. The active tuberculin skin sensitivity reactions, even in very small dilutions, and the focal reaction to these seen in the fundus lesions are the indicators to the etiology.

This type of fundus pathology has an unusual relationship to systemic disease. Two characteristics are outstanding. The first is the marked remedial effect which desensitization with tuberculin has upon the course and progress of these conditions-suggesting, in fact almost demanding, some allergy-like relationship between tuberculosis antibodies and the fundus pathology. The second is this: almost twenty years of experience as an associate consulting ophthalmologist, and then later as consulting ophthalmologist to a very active Municipal Tuberculosis Hospital have failed to uncover a single such case. These years instead have shown a number of cases of acute generalized miliary tuberculosis with true miliary tubercules in the fundi. These cases all died, frequently of tuberculous meningitis.

One cannot help but agree that these varied conditions, and not including tuberculous lesions of the iris and the sclera, though all tuberculosis, are each a distinct clinical entity. One acute miliary type is the result of a fatal bacteriemia; the other is an allergy, and reacts as such; one results in classical caseation necrosis; another in the formation of sheets and bands of scar tissue without demonstrable necrosis; one involves only the blood vessels (an artery or the veins); another attacks nonvascular tissues—one the retina, the other the choroid; and each of these has its characteristic appearance, and its individual course. Considering this, there is some reason for the lack of unanimity among ophthalmologists in the treatment of these allied but varied conditions.

Syphilis, like tuberculosis, can involve practically each different anatomical structure of the eyeball in a clear-cut distinct pathological entity. The changes seen in the fundi result from either a congenital or an acquired luetic infection and each is fairly distinctive in character. Syphilitic chorioretinitis may be a manifestation of secondary lues, though it usually is tertiary, and intraocular gummata are still seen occasionally. This type of case, and that seen witth secondary lues, are becoming rather rare—probably because of recent changes in therapy.

Neuritis of the optic nerve may be a primary ocular condition resulting in a postneuritic type of optic nerve atrophy. A descending type of optic atrophy may appear, originating in the syphilitic cerebrospinal pathology of taboparesis.

There has been some controversy as to whether these fundus conditions (excluding primary pathology of the optic nerve) are either choroiditic in character, with secondary retinal involvement, or the reverse. Nettleship¹² believes that both occur at different times. Clinically one can see cases in which the retinal vessels show syphilitic inflammation with the choroid free from pathology. Igersheimer's⁶ opinion is that in syphilis the organisms are transmitted by the blood stream and cause the retinal, choroidal, neural, or vessel pathology, and by the direct action of the organisms, or through their toxins start an inflammatory process which extends to contiguous tissues. Extensive, but somewhat distant pathological changes, as in syphilitic pigmentory degeneration, is due probably to the damaged nutrition of the retina and the choroid by primary vessel pathology.

The most common ocular manifestation of congenital lues is not disease of the fundus. Interstitial keratitis is certainly much more frequent. This disease, however, seems to be an allergic manifestation of congenital lues-judging from the vagaries connected with its onset, its course, and the responses this diseased condition shows to various non-specific forms of treatment. A similar group of ocular conditions has been mentioned in regard to tuberculosis. It is perhaps significant to this also that luetic corneal pathology and luetic vessel pathology, both present in the same case simultaneously, are quite uncommon. This should exclude cases of peripheral atrophy of the retina and other changes consequent to the syphilitic iridocyclitis so often an accompaniment of interstitial keratitis.

The so-called salt and pepper fundus, very well named, is perhaps outstanding in the matter of incidence. It is a disease of the pigment epithelium and according to Elwyn is a common accompaniment of interstitial keratitis. Before that confirmation by Elwyn this was suspected by the author upon some clinical experience. The progress of this condition is slow, though its onset is very early in the child's life. Vision is involved, but often only to a rather slight extent. The disease can remain unchanged for many years, and antileutic treatment seems to affect it but very little.

Another form of congenital luetic fundus disease is that of secondary or luetic pigmentary degeneration of the retina. This resembles true retinitis pigmentosa in the visual impairment, to some extent in the visual field changes present, and to a great extent in the anatomic distribution of the The appearance of the pathology, however, is quite dissimilar and should not confuse the ophthalmologist. The prognosis in this type of disease is absolutely bad. The disease changes are a manifestation of severe chorioretinitis, with involvement of the pigment epithelium, and with an obliterative arteritis of the retinal vessels and a postretinitis atrophy of the optic nerve fibers. Even if the process could be halted, early in its course, established damage would be so extensive to recipient and conductive visual elements that improvement in visual acuity would be impossible.

fecti

case

our

med

is n

of t

The

and

lue

mic

nea

isti

an

tra

lov

Th

pr

th

di

ne

cu

st

f

The rarest form of congenital lues is that of primary luetic retinal vascular disease. This form has some relationship to that type of disease just discussed, except that pigment changes are at a minimum and the obliterative arteritis with consequent postretinitic atrophy is quite marked. In addition to the retinal vascular pathology, these cases are probably more often accompanied by other ocular signs of degeneration due to disturbed nutrition based upon this discriminative type of vessel disease. It is a very fine example of the vascular diseases so characteristic of syphilis. Luetic aortitis, meningovascular lues, this form of vascular pathology, and that about to be described, are all closely related members of the same clan.

Retinal vascular pathology of acquired lues involves both arterioles as well as the venules, perhaps pathology in the arterial system being somewhat more frequent. The condition is an inflammatory form of obliterative arteritis or phlebitis, involving both the intima and the adventitia, with round cell infiltration, destruction of the muscularis coat, and with some to extensive perivasculitis. In a case studied microscopically by Von Hippel⁵ the extensive circulation of the choroid remained normal. The postretinitic atrophy which develops in these cases seems to suggest that the disease while vascular is largely retinal in anatomic detail.

Syphilitic retinitis, or chorioretinitis or retinochoroiditis, is a diffuse disease of the fundus, and is characteristically a disease of secondary lues, at least appearing rather soon after the primary infection. Roenne's13 analysis of fourteen of these cases following Leber's classical recapitulation of our knowledge of this disease remains as our vade mecum. The disease, as a recent acute condition, is now relatively uncommon but the later stages of the untreated cases are more frequently seen. The later stages of the condition have an appearance not unlike that described under congenital lues as a secondary pigmentary degeneration. A microscopic study of this disease by Rochon-Duvigneaud has been made and the pathology is largely vascular and retinal.14 The outstanding characteristics are those subjective signs of visual disturbances classical for an acute chorioretinitis, with the tragic postretinitis optic nerve atrophy which follows an unsuccessfully treated acute condition. These sequelae of the condition if first seen at the primary examination are hopeless for ocular improvement, but should be vigorously treated nevertheless, because clinical experience seems to indicate that these cases later on are potentially neuroluetics, terminating as cases of meningovascular syphilis.

ase en-

itis

me

to

the

gy,

on-

his

ase ret-

ım,

nal

rve

rly

ex-

nts

m-

ri-

m

ıst

a

se-

In

ese

by

ed

of

he

t-

of

d,

n-

e-

1-

s, h

is

S.

e

Cases of intraorbital and epibulbar gummata are still not too uncommon. It is interesting, however, and the reason is not clear, but intraocular gummata are now most uncommon. The vital point is this, as every case of unilateral exophthalmos from an intraorbital space-taking lesion must have a Wassermann examination before orbitotomyso also must every case of intraocular solid retinal detachment have serological studies before disposition is made of that case. A patient with a certain intraorbital gumma will have other general luetic complications, more important to that patient's life than the orbital condition. This is also present in the consideration of a case of That, perhaps, is the outintraocular gumma. standing factor in these individuals.

Syphilitic optic neuritis, not considering for the moment the primary luetic atrophy of taboparesis, is an acute, intensely severe luetic condition, a manifestation of tertiary syphilis, with a sudden abrupt onset, and rather prone to recurrence when inadequately treated. The condition, when properly treated, has the best prognosis of any of the luetic intraocular conditions, excepting that of gumma.

Primary luetic optic nerve atrophy is a sign of cerebrospinal lues, in fact is diagnostic of that condition, and if untreated or treated unsuccessfully

has a tragic termination in visual impairment. There is no other luetic condition in which the demands for treatment are greater. Vigorous, intensive treatment, based upon proven and accepted physiopathological principles is absolutely necessary. Tryparsamide, however, cannot be used in any ocular condition in which optic nerve fiber damage is present at the time the antiluetic treatment is started. A sharp increase in the nerve damage, with inexorable progress in this, will almost certainly result.

The inflammatory conditions connected with a septicemia also develop because of the direct effect of organisms transmitted to the retina or the choroid by the blood stream. The ophthalmitis of infancy and early childhood, commonly known as pseudoglioma, is not rare. It results in a complete destruction of the retina and the choroid, developing into a subretinal granulomatous-like mass of cell debris which must be differentiated from a true retinoblastoma. This is not always a simple thing to do. Fortunately, an enucleation, if done for a mistaken diagnosis of true glioma, is not an unwise surgical procedure. Of outstanding importance therefore, in this condition, is that it be not mistaken for true glioma. The reason for the limitation of this disease to childhood has never been well answered. The prognosis is hopeless.

Another fundus condition, although indirectly caused, is sufficiently relevant to be included herein. This is the fundus picture of thrombosis of the cavernous sinus, a not unimportant part of a cavernous sinus symptom complex. In these days of chemotherapy the prognosis of this condition has become much more favorable. It formerly was almost certainly fatal. The fundus changes of this are the result of the peripheralward extension of the septic, inflammatory thrombotic process in the cranial vascular sinuses.

The fundus changes seen with subacute bacterial endocarditis could be due in part to some allergic-like phenomenon, the result of dead organisms in the lumen of the vessels, for frequently the retinal petechial hemorrhages seen are similar to and accompanied by a superficial skin and mucous membrane purpura. More important are those fundus changes, the result of septic emboli which have broken free from the cardiac valve vegetations. These result in foci of necrosis with not infrequently extensive inflammatory changes

in the retina, the choroid, and the optic nerve. These foci, early in their appearance, show a rather characteristic ophthalmoscopic picture. One must not forget that when these appear in the ocular fundi, then also are such septic foci present in the kidney, the spleen, and the brain. They appear late in the course of the disease, and naturally are of grave prognostic import.

Other similar changes of septicemia may appear, excluding those of bacterial endocarditis, and the pseudoglioma (a type of endophthalmitis) of infancy and childhood. These include panophthalmitis, endophthalmitis, and metastatic chorioretinitis.

Panophthalmitis is relatively rare except for those cases with initial corneal infection and a subsequent iridocyclitis, and the post-traumatic and postoperative infections with either an external route infection implantation or by a systemic infection of an operated or otherwise traumatized eye. These cases are ophthalmological problems, however, and not quite relevant to the scope of this paper. Sufficient to say, with Elwyn, "When the patient does not succumb to the septicemia, the globe gradually becomes disorganized and remains as a shrunken blind eye."

Endophthalmitis can be considered a metastatic ophthalmitis of a lesser acute severity than that of panophthalmitis. Also, it has a slightly more favorable prognosis, as well as a less severe subjective group of symptoms. This especially is true since the use of intraocular and subconjunctival injections of penicillin. Relevant here is the clinical experience which indicates a greater benefit from this local application of penicillin rather than from other more distant injections for general Another clinical point of interest absorption. in these cases is the ability to determine the source from whence the infection spread in a small number of instances. These are the cases which seem to originate in such loci as-infected external hemorrhoids, following a carbuncle high in the cervical region, and after the removal of a severely infected tooth. (The instances quoted were actual cases—one eye only saved in the three mentioned.)

Clinically and ophthalmoscopically, (excluding local subjective symptoms), the outstanding point in the diagnosis of these two conditions is the great rapidity with which the fundi become obscured by precipitates on the cornea and the lens, and the exudates in the pupillary aperture and in the

vitreous chamber. The normal red reflex from the ocular fundus will disappear, in some cases, within 48 hours. Some cases of metastatic chorioretinitis may remain limited to localized retinal abscesses in a certain sector of the fundus, but this is a rather rare situation. One such case was seen by the author in consultation, in which the first impression was that of a possible intraocular neoplasm. The marked inflammatory reaction present, and the rapidity with which this advanced were most important in arriving at the correct diagnosis.

Mi

tic

T

pa

R

The last of the inflammatory conditions to be mentioned in this presentation are those connected with two forms of encephalitis. The first is that of toxoplasmosis and it is not a pure infancy condition. According to Koch⁷ and his co-workers and to Lucic,10 the essential pathology is that of inflammatory necrotizing lesions in the eye, as in the brain, with subsequent extensive retinal and choroidal degeneration and with a large amount of pigment deposition. Other ocular malformations are not uncommon. As is well known, human toxoplasmosis can result in an extensive diffuse disseminated encephalomyelitis in infants. in older children as a milder infection and in adults with pulmonary complications. As Lucic said, "The large reservoir of spontaneous toxoplasmic infection in rodents and birds is the likely source of the human infection." We do not know the pathway of this infection to humans but the infantile infection is through the placenta.

The second of this last group of cases is the manifestation of the encephalitis which, fortunately, only rarely complicates vaccination. The ocular pathology is inflammatory and granulomatous in character, focal in nature, and according to Braun¹ affects the nerve fiber and ganglion cell layers of the retina. Braun assumed this to be an endogenous intraocular infection, perhaps precipitated by injury, and the complication of a mild vaccinial encephalitis.

While the etiology of sympathetic ophthalmia is still unknown, this also is an inflammatory granulomatous condition of the intraocular structures and for record alone must be included herein. The condition does not need a perforating lesion of the eyeball for its development, though that is the most common precipitating cause. Prevention of the disease is its best treatment for once it be-

(Continued on Page 818)

Missed Meckel's Diverticula

Presentation of Nine Cases

By C. E. Umphrey, M.D. Detroit, Michigan



the

hin

itis

sses

s a

een

irst

eo-

es-

ced

ect

be

ed

iat

cy

275

of

in

nd

nt

a-

n,

re

ts

l,

C

e

e

e

e

Wel's diverticulum-minded. It should be carefully sought for each time the abdomen is opened. Many times it is found at the second or third operation. Recovery following its removal, even when the diverticulum appeared innocent of acute pathologic changes, raises

the question of the necessity of the last two operations. Errors of this kind, then, can be eliminated by thoroughly examining each abdomen that is opened, not by vision alone, but also by palpation. The small intussuscepting diverticulum causing partial obstruction cannot be seen.

This anomaly was described by Lavater in 1671, Ruysch in 1707, Morgagni in 1769 and, finally and most completely, by Meckel in 1809. The communication between the embryo and the yolk sac is wide at first, but by the sixth or seventh week, it has narrowed down to a fine fibrous band which finally parts and disappears. If the vitelline or omphalomesenteric duct persists, one can expect a wide variety of malformations, varying from a small dilatation in the intestinal wall to a large sac-like formation causing intestinal obstruction without adhesions, as reported by Cabot in 1940.

Histologically, the structure is usually that of the ileum. It has the same number of muscular layers and the mucosa pattern is usually similar. Epithelial heterotopia may resemble gastric, pancreatic, duodenal or colonic mucosa. This, then, would give a structural basis for the wide variety of symptoms. The tip of the diverticulum may lie free or be attached to the umbilicus, mesentery or any portion of the gut, thus introducing such conditions as intussusception, volvulus, kinking, twisting and complete intestinal obstruction, with its concomitant symptomology.

This is aptly demonstrated by perusal of the

literature since 1940. One encounters intriguing reports, such as "Invagination of a Meckel's Diverticulum," by Hanelin; "Significance of Meckel's Diverticulum," by Stewart; "Surgical Emergencies During Childhood Caused by Meckel's Diverticula," by Chaffin; "Hemorrhage from Meckel's Diverticulum," by Shapiro; "Meckel's Diverticulum Causing Obstruction by Tying Knot Around Adjacent Ileum," by Darling; and "Massive Hemorrhage from Meckel's Diverticulum," by Sacks. Other reports cover volvulus, foreign bodies including calculi and one diverticulum even contained a miniature stomach.

It readily becomes apparent from the above why one cannot produce a classification of symptoms that will cover all the wide variations. There are a few findings which seem to be fairly consistent. The patient usually complains of an intermittent recurrent type of colicky pain, which tends to localize under the midportion of the right rectus and about 1 cm. above the umbilicus. There is frequently bright red or tarry stools accompanied by a secondary anemia, with an upper gastrointestinal tract that is roentgenologically negative. MacCarty,6 Rousseau and Martin,11 and Poppel10 have written articles on the value of x-ray as an aid in diagnosis. It would appear that the lateral and oblique views are of value in a small percentage of cases.

The problem, then, as we see it, resolves itself into a consideration of two types of cases. Those showing severe acute symptoms as in hemorrhage, volvulus, intussusception, gangrene, and intestinal obstruction are readily recognized as acute abdomens and, in the vast majority of cases, are well treated. The second classification demonstrating chronic, intermittent, recurrent, symptomology are, we believe, often poorly treated, and even missed while performing intra-abdominal operations.

With this thought in mind, 3,460 intra-abdominal operations performed in the Florence Crittenton Hospital in the past five years were reviewed, with Meckel's diverticulum occurring nine times. According to a large series of consecutive autopsy reports, Meckel's diverticulum occurred in 2 per cent. This, then, would indicate that out of an estimated sixty-nine diverticula, only nine were discovered. From a review of the literature, we believe this is quite the usual average. A summary of these cases follows. (See table.)

MISSED MECKEL'S DIVERTICULA-UMPHREY

SUMMARY OF CASES

	-				Diagnosis		£	
Case No.	Age	Color	r Sex	Preoperative	Postoperative	Operation	Laboratory Keports	Tissue Diagnosis
3076	38	A .	<u> </u>	Chronic appendicitis	Chronic appendicitis Meckel's diverticulectomy	Appendectomy Diverticulectomy	2 Blood counts 2 Urinalysis 1 Serology-neg.	Inactive appendix Meckel's diverticulum
4820 B	34	*	<u> </u>	Retroversion of uterus	Retroversion of uterus Meckel's Diverticulum	Baldy-Webster suspension Diverticulectomy	1 Blood count shows secondary arry anemia 3 Urinalysis 1 Serology-neg.	Meckel's diverticulum
2932 B	16	×	<u>F4</u>	Recurrent appendicitis	Recurrent appendectomy Meckel's diverticulum	Appendectomy Diverticulectomy	1 Blood count 1 Urinalysis 1 Serology-neg.	Mild catarrhal appendix Meckel's Diverticulum
84799	58	×	M	Postoperative adhesions	Postoperative adhesions Meckel's diverticulum	Lysis of adhesions Diverticulectomy	1 Blood count 2 Urinalyses 1 Serology-neg.	Meckel's diverticulum
73477	53	A	14	Menorrhagia Retroversion Incomplete abortion	Menorrhagia Retroversion Meckel's diverticulum	D& C Uterine suspension Diverticulectomy	1 Blood count 2 Urinalyses 1 Serology-neg.	Degenerating decidua and placenta Meckel's diverticulum heterotopic gastric mucosa
67429	33	*	£4	Acute appendicitis Acute Meckel's diverticulitis	Chronic appendicitis Acute Meckel's diverticulitis	Appendectomy Diverticulectomy	WBC 17, 850 Poly. 93 NF23 10 RBC 20 WBC Epith. cells mucous in urine not catheterized	Chronic appendicitis Acute Meckel's diverticulitis
1303	53	W	M	Subacute appendicitis	Chronic appendicitis Chronic Meckel's diverticulitis	Appendectomy Diverticulectomy	WBC 10,900 2 Urines I Serology-neg.	Mild obstructive appendicitis Meckel's diverticulum
3377	53	*	14	Recurrent appendicitis Cervical laceration	Chronic appendicitis Meckel's diverticulum Cystic right ovary	Appendectomy Diverticuophorectomy Right, partial	1 Blood count 2 Urinalyses 1 Serology	Inactive appendix Meckel's diverticulum Hemorrhagic luteal cyst
3114	27	≱	Eq.	Recurrent appendicitis	Chronic appendicitis Intussusception of Meckel's diverticulum	Appendectomy Diverticulectomy	1 Blood count WBC 10,000 2 Urinalyses 1 Serology-neg.	Pressure changes in appendix Acute Meckel's diverticulitis

* I wish to express my appreciation to the surgical staff of the Florence Crittenton Hospital for permission to review those cases not my own.

F1

abde 2. nosi

whi

3 "ap 4

por tion el's

in

res

be

tio tie

in fl:

n

b

From the summary it is noted that:

1. Only two males are listed. This is undoubtedly due to the fact that a large majority of the abdominal surgery performed is gynecology.

2. In only one case was a preoperative diagnosis made of "Acute Meckel's Diverticulitis," which is in keeping with other reports.

3. The most frequent preoperative diagnosis was "appendicitis."

4. The only case examined by x-ray was reported as having pericecal tenderness. At operation, it proved to be an intussusception of a Meckel's diverticulum.

5. The only positive laboratory findings were in the two cases of "Acute Diverticulitis," where the white blood count was 17,850 and 10,000, respectively.

6. Three cases had had previous abdominal operations and the diverticulum had been missed.

7. Whether acute or inactive, all cases have been benefited by the surgery performed, and we feel the diverticulectomy mainly responsible.

Conclusions

1. Only 17 per cent of existing Meckel's diverticula are discovered during intra-abdominal operations.

2. Recovery occurs frequently enough following diverticulectomy, even if not acutely inflamed, to warrant its removal with very few exceptions.

3. Only ten per cent of those removed are diagnosed preoperatively.

4. The small intussusceptions cannot be seen but are readily found by passing the gut through

5. The laboratory and x-ray offer little aid in the diagnosis.

6. In this series, 33½ per cent had had previous intra-abdominal operations and the Meckel's diverticula were missed. In all three, the abdominal symptoms disappeared following diverticulectomy.

7. Diverticulum should be suspected if there is tarry or bright red bleeding per rectum and when the upper gastrointestinal tract is roentgenologically negative.

8. Intermittent colicky pain localized just above and to the right of the umbilicus is a frequent

9. Simple resection, with the clamps parallel to the long axis of the bowel and inversion of

the base transversely, is the usual procedure. Occasionally, a resection of the involved ileum is necessary with closure of the ends and side-to-side anastomosis.

References

- Cabot, Hugh: Meckel's diverticulum with intestinal obstruction. Case report, New England J. Med., 222:195-197, 1940.
 Chaffin, L.: Surgical emergencies during childhood caused by Meckel's diverticulum. Am. J. Surg., 113:45-56, 1941.
 Clark, C. W.: Irreducible double intussusception due to Meckel's diverticulum, complicated by volvulus. Brit. J. Surg., 31: 301-303, 1944.
 Conrad, H. A.: Meckel's diverticulum. The cases Am. 7.
- 301-303, 1944.

 4. Conrad, H. A.: Meckel's diverticulum. Two cases. Am. J. Surg., 52:267-274, 1941.

 5. Darling, G. C.: Meckel's diverticulum causing obstruction by tying knot around adjacent ileum in man, seventy-four years. Brit. J. Surg., 29:277, 1941.

 6. Gile, J. F. and MacCarty, W. C., Jr.: Calcified concretions within Meckel's diverticulum (with fistulous connection with appendix). Radiology, 41:491-494, 1943.

 7. Hanelin, H. A.: Meckel's diverticulum with invagination. J. Michigan M. S., 39:786, 1940.

 8. Mulsow, F. W.: Meckel's diverticulum containing calculi. Case. Am. J. Digest. Dis., 10:188-189, 1943.

 9. Noel, W. W.: Meckel's diverticulum. Am. J. Surg., 49:454-463, 1940.

 10. Poppel, M. H.: Meckel's diverticulum, roentgen demonstration.

- Noel, W. W.: Meckel's diverticulum. Am. J. Surg., 49:454-463, 1940.
 Poppel, M. H.: Meckel's diverticulum, roentgen demonstration. Am. J. Roentgenol., 51:205, 206, 1944.
 Rosseau, J. P. and Martin, A. G. M.: Meckel's diverticulum, preoperative roentgen diagnosis. Radiology, 40:605-607, 1943.
 Rottiman, M. and Zetena, D. F.: Meckel's diverticulum as cause of intestinal obstruction; case of volvulus. Am. J. Surg., 60:443-446, 1943.
 Sacks, M. S.: Massive hemorrhage from Meckel's diverticulum. Two cases. Bull. Sch. Med. Univ. Maryland, 27:197-203, 1943.
 Shapiro, B. and Tosti, O. G.: Hemorrhage from Meckel's diverticulum. Four cases. Arch. Pediat., 59:295-302, 1942.
 Stewart, G. A.: Significance of Meckel's diverticulum in surgical abdomen. Rev. Gastroenterol., 7:310-312, 1940.
 Waugh, T. R.: Miniature stomach in Meckel's diverticulum. J. Tech. Methods, 24:55-60, 1944.
 Wilson, H.: Meckel's diverticulum, with report of twelve cases. Am. J. Surg., 56:614-618, 1942.

=Msms

NEW CRIPPLED CHILDREN RATES

The Legislature in 1947 amended the Crippled Children and Afflicted Adult laws giving increases in medical and hospital fees. The top limit on medical fees is raised from \$75 to \$90, a 20 per cent increase. is still not adequate but is an improvement.

Hereafter, the doctor Other changes were made. must render his bill on forms obtainable at the hospital. These must go to the State office in Lansing and be sufficiently descriptive of the services rendered to allow the paying officers to check the amount due. Code numbers are now supplied but there is danger of mistake, so billing by name and description of service is preferred.

By law, bills rendered over sixty days after the service is concluded are void. It pays to bill every thirty days and take no chances. This is good policy in all types of practice.

MEDICAL BROADCASTS

In 1947—the centennial year of the American Medical Association-the Bureau of Health Education is adding to its electrical transcriptions for use by local radio stations a series on surgery, foods and physical medicine. Nearly 5,000 local broadcasts will be made from these transcriptions in the course of a year.

Approximately 120 radio stations of the Mutual Broadcasting System have carried the program entitled "Stephen Graham, Family Doctor," which has been produced under the supervision of the Bureau.

Michigan Postgraduate Clinical Institute

First Annual Meeting—March 12-14, 1947

Sponsored by

The Michigan State Medical Society

In co-operation with

Wayne County Medical Society, University of Michigan Medical School, Wayne University College of Medicine, University of Michigan Department of Postgraduate Medicine, and Michigan Foundation for Medical and Health Education, Inc.

Parenteral Fluid Therapy

Paul V. Woolley, M.D., Detroit, Michigan

Parenteral fluid therapy serves four elementary purposes in modern pediatrics: (1) it provides water when adequate amounts cannot be taken by mouth, (2) it adjusts and maintains electrolyte patterns disturbed during disease, (3) it allows replacement or augmentation of blood proteins and formed elements, (4) it maintains and enhances nutrition when oral feedings are not satisfactory.

Despite efforts to develop new methods for parenteral therapy, the intravenous and subcutaneous routes remain most valuable. is rarely considered apart from electrolytes since it parallels these so closely in all metabolic processes. The fluid or water requirements at various ages were discussed and the safe therapeutic ranges outlined.

While sodium and chloride are the most important electrolytes, the use of unbalanced solutions such as sodium bicarbonate and sodium lactate is often advisable. The intelligent use of parenteral electrolytes depends upon a thorough understanding of normal electrolyte physiology, and the brief principles underlying this are discussed.

Augmentation of blood proteins and foreign elements is obtained by the use of whole blood plasma, plasma fractions, and packed red cells. The ability to supply nutrition over extended periods of time is one of the real developments of the past two years. Proteins, carbohydrates and accessory substances are all available in forms satisfactory for parenteral administration and the use of these is discussed.

Many children are living today, who, under the

conditions existing twenty years ago, would have had a hopeless outlook. This is due largely to the pediatrician's ability to provide them with plenty of water, vitamins, food, and blood by way of their skin and veins. Even a very sick baby with severe diarrhea can be handled in this manner. The surgeon is able to perform operations previously impossible, since his small patient can be carried through the time when he is unable to eat entirely by intravenous feedings. The small child who has been burned often must be provided blood serum for weeks following his accident and now has a chance for recovery never before available. Certain infants have been fed and their weight maintained for weeks through the use of intravenous feedings and have gone on to develop into normal babies. The types of food to be used for each condition were discussed as well as the methods for providing these fluids.

The Significance of the Lowered Basal Metabolic

R. M. McKean, M.D., Detroit, Michigan

With the several offerings of Fagge, Gull, Ord and Kocher in the 1870's and 1880's, the relationship between thyroid deficiency and myxedema and cretinism was established on a firm basis. Bauman, Kendall and Harington, respectively, between 1895 and 1927 noted the predominant presence of iodine in thyroid gland material, isolated the active principle—which was termed "thyroxin"—and identified this principle as an iodo protein, tetraiodotyrosine. Widespread investigations since that time have suggested a number of potential causes for a deficiency in effective thyroxin, notably (1) the lack of necessary building stones, particularly iodine and l-tyrosine;

(2) the inability to synthesize properly the prod-

nct

seci

not pit

dis

tio

of an

th

of

bo

ha

Note: Other papers presented at the Institute were published in the May and June, 1947 issues.

uct in the gland; (3) an inhibition of the mature secretion peripherally (perhaps due to an anti-hormone); and (4) the lack of a normal stimulus, notably the thyrotropic hormone of the anterior pituitary gland. These factors were given detailed discussion.

In the past quarter century, the intimate relationship of the thyroid gland to the maintenance of normal heat production has been recognized, and an increasing attention has been devoted to this point in clinical medicine. An appreciation of the importance of oxygen utilization and carbon dioxide excretion as a satisfactory means of measuring heat production in the living organism, has led to its application in the development of methods for the study of human basal metabolism in health and in various disease states.

e of

lave

to

vith

way

aby

an-

ons

can

to

nall

ro-

ci-

ver

fed

gh on of

ed

ds.

lic

rd

na

is.

y,

nt

d

n

1-

S

In this discussion, we were concerned with those readings consistently on the low side of the accepted norm. These we termed the "hypometabolic states," and a classification was offered covering this group from clear-cut myxedema and cretinism at one end of the clinical spectrum, through varying degrees of nonmyxedamatous hypothyroxinism, down to that nebulous group whose only positive finding is a persisentenly lowered metabolic rate. Therapeutic implications of the various members of the "family" were noted.

Treatment of Common Fractures

Homer Stryker, M.D., F.A.C.S., Kalamazoo, Michigan

In fracture work the good result is soon forgotten by the patient and his friends; the poor result is a walking advertisement, an ever-present reminder of your handiwork, which puts you permanently on the "who done it" list of all the patient's friends.

A good result in many fractures is impossible regardless of the skill of management; but by carefully following the fundamental principles of fracture treatment, by mastering the technique of several methods of reduction, by proper selection of the method after a careful analysis of the patient and his injury, and by eternal and constant vigilance, the poor results can be held to a minimum.

The fundamental principles of fracture treatment are:

1. Reduce the fracture as nearly anatomically as is possible without violence.

- 2. Hold the fragments continuously reduced without a moment's interruption until healed.
- 3. Mobilize and exercise all joints not requiring immobilization for the maintenance of the reduction.
- Continue your counsel and treatment until the patient is physically, mentally, and psychologically completely rehabilitated.

What should be the standard of reduction?

- 1. Perfect alignment with no angulation.
- 2. Minimum of rotation.
- 3. Maintain length to within one-half inch if the fracture is in a lower extremity.
- 4. No distraction.

What are the methods of reduction?

- 1. Manipulation and plaster fixation.
- 2. Traction and countertraction.
- Open reduction, with or without internal fixation.

Slides of patients were shown to emphasize the value of adhering to these principles, to point out some of the more common violations and their dangers, and to suggest some points which may help solve some of the problems in the treatment of these fractures. Cases illustrated were fractures of the wrist, forearm, elbow, ankle, knee, and hip.

Antihistamine Substances

Stanley W. Insley, M.D., Detroit, Michigan

The use of antihistaminic substances in the treatment of various allergic conditions is predicated on the theory that a release of free histamine, during an allergic contact, has a role in the production of many of the allergic symptoms.

This concept of histamine release during an allergic or anaphylactic syndrome was first brought out as far back as 1911 by Dale and Laidlow. A number of investigators, chiefly Lewis, have since confirmed and enlarged upon this idea, and the way was thus paved to a search for new drugs and chemicals which might safely neutralize the excess histamine-like substances noted during allergic reactions, and bring at least some of the distressing symptoms under control.

The antihistamine substances of which we shall speak, do *not* apparently have any effect on the specific protein-antibody reaction. These substances also do *not* neutralize some of the other by-products of an allergic reaction, such as hepa-

rin. The antihistaminics really belong to the category of alleviating drugs and do not obviate the need for complete studies and adequate management of the allergically sick individual.

The two most widely used American drugs of this antihistaminic type are benadryl and pyribenzamine. There are clinical studies also being made in this country on two new French drugs of this type, namely, antergan and neo-antergan.

The range in dosage of the above drugs for various allergic manifestations and age groups was discussed. The efficacy in various disorders and possible side effects were also pointed out.

The Newer Methods in the Treatment of Anemias

Cyrus C. Sturgis, M.D., Ann Arbor, Michigan

Anemia is a commonly encountered condition in the United States as indicated by its presence in 12.5 per cent of all patients admitted to the University Hospital in Ann Arbor. Fortunately a great many types of anemia are amenable to treatment with iron, liver, folic acid and other antianemia substances. A patient who suspects the presence of anemia should first, by all means, have a thorough examination by a physician in order to determine its type and the best method of treatment. Self-medication is improper because patients often take expensive antianemia substances when they do not have an anemia or they may take the wrong type of medication and fail to take the kind that acts specifically. Folic acid is the most recently introduced drug in the treatment of anemia and is one of great promise. It is helpful in only certain types of anemia, such as pernicious anemia, and careful observations over a long period of time are necessary before the actual efficacy of the preparation can be definitely established.

Atypical Pneumonia

Bert M. Bullington, M.D., Saginaw, Michigan

The disease syndrome of atypical pneumonia has occurred so frequently in the past several years that the clinical manifestations have become known and usually recognized. The etiology has not been established, but there is increasing evidence that a substantial proportion of the cases are caused by a specific virus or viruses.

The illness is characterized by an insidious onset, malaise, headache, chest pains, fever and a paroxysmal harassing cough that is either nonproductive or productive of only small amounts of sputum. The sputum, when present, is usually mucoid and contains only insignificant numbers of bacteria. The white blood count is not characteristic. X-ray findings are out of proportion to the severity of the illness and the physical findings. The x-ray appearance varies, and it is doubtful if the diagnosis can be made by x-ray alone.

came

aden

Co

tures

only

noid

perc

tion

thro

det

are

of

ade

tre

Ex

Aı

T

Cold agglutination of erythrocytes by the patient's serum develops in the majority of patients. Although this test is neither entirely specific nor absolutely diagnostic, it is a valuable test.

The pathological findings consist of an inflammation along the entire respiratory tract with congestion and infiltration of the alveolar walls with monocytes, lymphocytes and occasional neutrophiles; a similar reaction is present in the peribronchial and perivascular tissues. Small areas of atelectasis are seen. Similar lesions are seen in other interstitial pneumonias of known etiology.

Complications, although infrequent, do occur and consist of recurrences, pseudobronchiectasis, bronchiectasis, and rarely ulceration of the tracheobronchial tree, pleural effusion, and others.

Treatment is symptomatic, with specific therapy being used for the complications.

"Strep" Throat

O. B. McGillicuddy, M.D., Lansing, Michigan

An epidemic of severe streptococcus throat infections on an army air field in 1945 was studied in the Ear, Nose and Throat Department. The infection was not influenced by sulfa compounds but was readily cured by penicillin.

There were hundreds of soldiers who, although they were not ill, had throat cultures positive for streptococcus. These men were examined with mirror and nasopharyngoscope. The latter is a slender tube with a small light at the tip which enables the examiner to see the nasopharynx, that part of the throat located back of the nose and above the palate.

Seventy-eight per cent of these men with positive throat cultures had a large inflamed adenoid mass, while the lower part of the throat showed no inflammation. When the throat cultures became negative, the swelling and redness of the adenoid mass usually subsided.

on-

da

on-

ints

ally

ers

ar-

ion

nd-

is

ray

oa-

its.

or

nth

lls

u-

ri-

as

en

y.

ur

s,

0-

y

Controls were examined, men with negative cultures, and in one group exposed to the epidemic only 44 per cent showed a large amount of adenoid tissue. In another group not so exposed the percentage was only 32.

The study seemed to point to the adenoid tissue as an important source and reservoir of infection in this epidemic and probably in all "strep" throats. The amount of adenoid tissue should be determined in all patients, child and adult, who are having recurrent sore throats or obstruction of the tubes leading from throat to ears. If the adenoid tissue is extensive it should be removed or treated by x-ray or radium.

Evaluation of the Serological Test for Syphilis Arthur C. Curtis, B.S., M.D., Ann Arbor, Michigan

The diagnosis of asymptomatic or latent syphilis is at times most difficult because the only positive factor in the whole realm of laboratory aids is a blood test which in itself is not specific.

The realization that other diseases may produce positive blood tests may prevent one from making a hasty and inaccurate diagnosis of syphilis in one who has a positive test from some other disease.

The introduction of quantitative serological tests have been of great help in evaluating some of these problems. In many false positive blood tests the titre is low and may be evanescent, or changes in its titre may be rapid. In syphilis the titre has a tendency to be higher and more constant when followed for several weeks or months.

The use of both a complement fixation, and a precipitation test in such patients, as well as a detailed history, complete physical examination and a lumbar puncture are necessary in most cases to be sure of the diagnosis. Even after all these studies have been made, the problem cannot be answered, and sometimes one must observe the patient for several weeks or months before a final opinion can be substantiated.

The Treatment of Burns

C. N. Weller, M.D., Detroit, Michigan

Burn therapy may be discussed under the following main headings: treatment of shock; local

therapy; management of metabolic and nutritional problems; late care.

The first objective in the therapy of burn shock is the relief of pain, best accomplished by the administration of morphine to the adult and codeine to the child. The intravenous administration of plasma, electrolyte solutions and whole blood transfusions provide the basis for re-establishing fluid balance, and act as replacement agents for the serum exuded from the burned areas. When tolerated by the patient, a mixture of sodium chloride and sodium bicarbonate solutions given orally has proved of value in restoring electrolytic balance. Early anemia is combated by giving transfusions of whole blood. Adequate fluid intake and excretion (as urine) must be maintained. Oxygen is administered if anoxemia is present. The sulphonamide drugs and penicillin have proved of value in combating the infection accompanying deep second and third degree burns.

The pressure dressing applied over vaseline or carbowax is at present a standard method of local therapy and widely used. A protein eschar technique, which is simple in application and nontoxic, has been used with good results by the writer. With this method, second degree burns heal rapidly with minimal infection, while third degree burns are prepared for grafting in a relatively short time.

Throughout the entire course of treatment, careful consideration must be given to the metabolic and nutritional problems accompanying severe burns. The patient's caloric, protein, and vitamin requirements must be supplied. It is desirable that a diet containing 20 per cent of protein, and constituting 1.5 times the basal requirements, be given. If this is tolerated, the adult patient's daily diet is increased in a few days to 3,000 to 4,000 calories. These measures aid in the prevention of a severe hypoproteinemia and a serious nitrogen deficit. Adequate amounts of vitamins A, C, D, and B Complex are routinely given.

The late care of the severely burned patient involves a continuation of the general measures aimed to prevent serious complications. Whole blood transfusions may be necessary to combat secondary anemia. The intravenous administration of blood plasma, albumin, and amino acid preparations may be required to combat hypoproteinemia. Early skin grafting of extensive areas of third degree involvement prevents further loss of fluid, and minimizes the development of scar-

ring. The burned surfaces may be prepared for grafting by the surgical excision of sloughing tissue when adherent, and by wet compresses of saline or Dakin's solutions. Split thickness grafts give, as a rule, the most satisfactory results. In case of burns about joints, the optimum functional position must be maintained during the healing period to aid in preventing deforming contractures. Physiotherapy and plastic surgery may be necessary later if deformities or disfigurement develops.

Sterility in the Female

Norman F. Miller, M.D., Ann Arbor, Michigan

Sterility is an important problem and requires a comprehensive and methodical study. The husband may be responsible for a nonfertile union but as a rule it is not difficult to evaluate the part he may play in this respect. Uncovering the cause of infertility in the woman may be a difficult matter and for this reason it is well to approach the problem in a logical way, so that step by step, the various things which might contribute are thoroughly checked and eliminated.

The simpler studies are carried out first except in those patients where there is abundant reason to believe that nonpatency of the tubes is the primary cause for the patient's failure to conceive.

The customary procedures carried out at the University of Michigan Hospital for patients presenting this problem were covered in this presentation.

Intestinal Obstruction

Charles G. Johnston, M.D., Wayne University College of Medicine and the Detroit Receiving Hospital, Detroit, Michigan

The over-all mortality has been reduced in the past fifteen years. The causes of the reduction in mortality are (1) a better understanding of the control of dehydration and mineral loss, (2) the recognition of distention as the initiating factor for lethal sequellae, and (3) to a lesser extent, the use of antibiotic agents.

Obstruction is frequently only a serious complication of other conditions. It is usally so typical in its symptomatology that regardless of etiology the diagnosis is not difficult. Successful therapy must consider not only restoration of marked physi-

oligical relationships, but likewise the correction of the etiological factors.

the d

an ex

curate

for b

clinic

lesion

larly,

may

to the

of pa

evide

volve

tissu

pain

duce

cent

pair

caus

of t

Res

Mo

of

dis

age

du

aft

m

in

D

q

b

Th

Vai

Early diagnosis is important as it permits therapy before the harmful sequellae of distention are present, as well as early correction of the etiological agent.

The Clinical Diagnosis of the Cardiac Arrhythmias

Carl B. Beeman, M.D., Grand Rapids, Michigan

When a doctor first sees a patient with a cardiac arrhythmia, which means a condition in which the heart is beating too fast or too slowly or irregularly, he may often make a diagnosis at once without the aid of special equipment. By questioning the patient carefully, and by careful observation of the pulse, heart beat, and certain other factors, he may reach a reasonably accurate diagnosis, and hence be able to initiate any necessary treatment promptly. When they develop suddenly, these conditions may alarm both patient and doctor. They constitute some of the more dramatic acute medical emergencies. The chief characteristics of the common arrhythmias, which may be found by relatively simple bedside examinations, were reviewed.

Pain of Spinal Origin

Carl E. Badgley, M.D., Ann Arbor, Michigan

Pain of spinal origin may present a characteristic pattern and pathway of radiation which may frequently be utilized as a localizing sign to determine the site and nature of the underlying pathologic condition. It must be recalled, however, that pain is a cerebral perception and may be produced by an irritative phenomenon occurring anywhere in the central nervous system, even to the terminal sensory fibers, peripheral to the cerebral cortex without cerebral consciousness of the site of the pathologic condition, but with only a sense of localization of the pain pattern.

Pain in the arm, of a definite pattern, so-called brachialgia, may be produced not only by direct nerve root irritation of spinal origin, but by many varied types of lesions located sometimes even quite remote primarily from the central nervous system, but capable of producing a similar pattern of pain.

As much diagnostic acumen is required for

812

the differential diagnosis of the cause of pain in an extremity, as is necessary to differentiate accurately the cause of abdominal pain.

ion

ra-

are

gi-

ar-

in

ly

at

By

ul

in

te

S-

p

a-

ne

le

Various etiological factors found responsible for brachialgia were presented in this paper in clinical case review to demonstrate the variety of lesions which can produce this syndrome. Similarly, low back pain with radiation into the leg may be produced by a variety of lesions.

The author attempted to show that by a return to the teachings of Sherrington for the explanation of pain radiation, with the added clinical research evidence of pain perception throughout the involved nerve root field produced by peripheral tissue stimulation, one can understand that the pain pattern is not diagnostic but may be produced by a variety of lesions in or outside of the central nervous system, therefore, any localized pain requires diagnostic ability to determine its cause, for the source may be in any other part of the body and may be transmitted to the brain.

Respiratory Infections in Infants

Moses Cooperstock, M.D., Marquette, Michigan

A major share of illness in infants is made up of respiratory infections which tend to assume distinctive clinical patterns not observed in older age periods. The common cold, peculiarly absent during the first several months of life, is thereafter prominent in infancy, and its importance is derived from its frequent role as a precursor of more serious complicating infections due to invading pathogenic organisms, chiefly hemolytic streptococci, pneumococci and H. influenzae bacilli. During this period one is likely to observe frequently obstructive inflammatory infections of the respiratory tract, of which acute laryngotracheobronchitis and bronchiolitis are outstanding examples.

Pneumonia, both of the disseminated and lobar varieties, occur with great frequency. While pneumococci are common causative agents, other organisms, particularly hemolytic streptococci, staphylococci and H. influenzae type B, may play dominant roles and with greater frequency than at other age levels. Primary, atypical pneumonia likewise occurs commonly although in less clearcut fashion than in older children.

Pulmonary infections seen characteristically during the early years are those that follow acciden-

tal aspiration of foreign agents of metallic, vegetal and chemical character. Limited to this period are various forms of pulmonary infection which comprise an important feature in the recently recognized clinical entity, fibrocystic disease of the pancreas.

The introduction of sulfonamides and penicillin in the treatment of the variety of infections of the respiratory tract in infants has served to reduce mortality to a great extent and also is responsible for the considerable reduction in the complications of these infections. The ideal and intelligent employment of these agents depends in a great measure on good bacteriologic control.

Abdominal Surgery in Infancy and Childhood Clifford D. Benson, M.D., Detroit, Michigan

During the past decade, notable advances have been made in the management of surgical lesions of the abdomen in infants and children. Congenital anomalies or conditions of the abdomen making their presence known soon after birth were formerly considered to be almost hopeless because the surgical procedures involved were so formidable that very few infants could survive. The best example of this is pyloric stenosis or an obstruction of the outlet of the stomach which usually makes its presence known by the fact that these infants at the age of two or three weeks begin to vomit their feeding in spite of the fact that the formula is changed to a thicker feed-The vomiting many times becomes projectile with rapid loss of weight over a short period of time. Since 1912, when a less formidable surgical procedure was devised, the operative mortality associated with this lesion has been reduced from well over 50 per cent to between 1 and 2 per cent. At the present time, the benefits derived from this surgical procedure are associated with permanent cure of the lesion. Obstruction of the small and large bowel in young infants, is also now amenable to surgical correction with a lower mortality rate where formerly they were almost hopeless.

The older child with such conditions as appendictitis, various types of peritonitis, conditions of the bowel requiring removal of a segment of diseased bowel, various diseases of the liver and bile ducts, and the correction of various types of hernia (or rupture) can now be cared for surgi-

cally with a minimum surgical mortality and morbidity rate. This has been possible because of outstanding advances in our knowledge of chemistry, improved surgical techniques, better diagnostic facilities and the application of the well-known drugs such as the sulfa group and penicillin. When these drugs are used in conjunction with the application of sound surgical principles, the mortality of many serious conditions in the abdomen of infants and children now requiring surgery offers not only a good prognosis but there has been a distinct and very apparent reduction in not only the incidence of complications due to infection but in the lessening of their seriousness and danger to life.

Ocular Emergencies in General Practice F. Bruce Fralick, M.D., Ann Arbor, Michigan

Ocular emergencies constitute a very small part of the multitude of conditions those in the general practice of medicine are called upon to treat. Because of their relative infrequency, however, the physician is often at a loss as to proper approach to their management. This feeling of hesitancy is heightened by the realization that improper care may cost the patient his eyesight. It is not always possible nor always necessary to refer these patients to those especially interested in eye care, since most emergency eye conditions can and should be treated by those who first see the patient. Delay engendered by sending the patient some distance to a specialist may in itself result in a poor outcome. With such thoughts in mind, this discussion covered the emergency eye care of the common conditions seen in the general practice of medicine. Emphasis was placed upon the common mistakes made, the discussion being pointed towards a better understanding of the anatomy and physiologic functions of the eye and adnexa and the proper restoration of these anatomical and physiologic relaxations.

Preoperative and Postoperative Care H. K. Ransom, M.D., Ann Arbor, Michigan

The risk of all operations has materially decreased during recent years and many new operations are now possible, due in large part to improvement in the methods of preparing the patient for operation and of caring for him afterwards.

While the sulfa drugs, penicillin and streptomycin have received much public attention and are exceedingly important, methods for controlling many of the serious complications have not been as widely publicized. Some of these are methods for the prevention of embolism (blood clot) in the lungs, maintenance of a proper fluid intake for patients who cannot drink, and administration by vein of all the essential food elements to those who cannot eat. Changes in abdominal wounds and the materials used in their closure have permitted early rising, which is popular with patients and shortens the number of hospital days.

Early Ambulation After Operation D. J. Leithauser, M.D., Detroit, Michigan

The rationale of early ambulation after surgery was presented from the standpoint of basic physiologic principles. Evidence was produced to show that noxious reflexes from trauma, fear, and pain induce pathologic function of vital organs which, if unduly prolonged, may result in complications. The noxious reflexes which are indirectly responsible for postoperative complications are: those to the peripheral vascular system, those to the intestinal musculature, and those to the organs of respiration, chiefly the diaphragm. The complications incident to the pathologic function induced by these reflexes are chiefly thrombosis, intestinal distention, and atelectasis.

Details of a regimen that has been used successfully to counteract the pathologic function resulting from an abdominal operation were described. The most important feature of this regimen is exercise, particularly ambulation, and the optimal time for its inauguration, if postoperative thrombosis, abdominal distention, and atelectasis are to be prevented, is immediately after operation. In addition, specific exercises reduce morbidity and materially shorten the period of convalescence.

The results of this type of treatment in a series of over 2,000 abdominal operations were reviewed. The discussion of physiology was illustrated by graphs and animated diagrams in a motion picture which also depicted method of management and rapid recovery in actual clinical cases.

During recent years, surgeons have learned that it is much safer for patients to get out of bed and engage in some activity, particularly walking, after an operation. In earlier times, it was often

cations is kept exercited digest monia the interpretation operation formed turn

though

tient g

E. V

The state of the state of

Use

par abli the chi

Info

terr

con tio me an

> in m m

C

thought that complications arose because the patient got out of bed too soon. Now it is known that the exact opposite is true, and that complications are more likely to occur when the patient is kept in bed for a prolonged period. Moderate exercise stimulates breathing and circulation and digestive function, and helps to prevent pneumonia, formation of blood clots, and paralysis of the intestines that sometimes develop after an operation. Besides preventing these serious complications, moderate activity initiated immediately after operation prevents weakness and enables the patient to recover much more promptly than was formerly the case. Early recovery means early return to work and thus saves both time and money.

Use of X-rays in Obstetrics

vein

ex-

any

as

for

the

for

by

vho

and

ted

ind

ur-

sic

to

nd

ins

li-

tly

e:

to

r-

he

C-

n-

S-

t-

d.

x-

al

1-

to

n

d

S

e

d

ľ

E. Walter Hall, M.D., Detroit, Michigan

The use of roentgen rays in obstetrics is definitely and properly on the increase. Failure to employ this aid to management of childbirth is largely due to lack of appreciation of the assistance that may be had from properly evaluated roentgen findings.

Information as to the condition of the pregnant uterus and its contents is often of life-saving value. Information as to the size and shape of the maternal pelvis and the fetal pelvic relationship prepares the physician for eventualities of labor enabling him to make more logical decisions as to the best procedure for the safety of mother and child.

Limitations of pelvioradiography especially in regard to dangers of diagnostic x-rays have been greatly overemphasized in medical literature, to the confusion of laymen as well as medical practitioners. The importance of experience and judgment in evaluating roentgen findings is paramount. Close teamwork between the radiologist and obstetrician is essential for good results.

Roentgen pelvimetry is rapidly taking its place in modern obstetrics along with routine pelvic measurements by physical examination. Various methods of pelvimetry should be evaluated in regard to their practical value rather than as to cost or convenience of the radiologist.

An effort to appraise various methods of pelvimery was made.

Improvements in x-ray apparatus and technique have made possible employment of x-rays for diag-

nostic purposes without risk of harming mother or child.

Properly made x-ray examinations properly interpreted are of great value in preventing unexpected occurrences during childbirth. The information gained is often of life-saving value and may frequently save unnecessary suffering of prolonged labor.

Neonatal Care

James L. Wilson, M.D., Ann Arbor, Michigan

The care of the newborn infant in its first two weeks of life is a large field in itself, a field which has been generally neglected. Our knowledge of the physiology of this period of life is far more limited than that at any other age and we are only now beginning to realize how completely different as a physiological mechanism the newborn animal is in almost every respect.

Practical care of the baby demands a knowledge of what is normal during this period, a knowledge difficult to acquire. At this period, symptoms which are pathological at any other time are, within certain limits, normal and the symptoms that appear are more apt to be nonspecific in their significance. One has only to think of the fact that a bleeding tendency of a slight extent is usual, that jaundice is normal, that some vomiting is normal, that irregular respirations are normal, that a certain amount of blood in the spinal fluid is seen in a high percentage of instances, that the blood sugar may be far lower than at any other age without being of significance, that moderate cyanosis is so common as to be considered often almost normal. When faced with the possibility of a pathologic condition, therefore, one has to evaluate the extent and degree of these symptoms rather than simply to determine their presence.

Only a few of the common mistakes made in caring for newborn infants can be emphasized. Attempts to prevent the initial loss of weight are often so vigorously practiced that opportunities for breast feeding may be lost. One should realize that a certain loss of weight is inevitable and normal. Fever with moderate dehydration is a common circumstance in a newborn baby. This can usually be prevented by better feeding techniques without the use of parenteral fluids which are resorted to altogether too readily.

In the present great preoccupation of the medical profession with so-called erythroblastosis, hemorrhage is apt to be forgotten. Hemorrhagic disease of the newborn is still a serious problem. Since this can be specifically treated by transfusions, one should always keep in mind that even a baby with erythroblastosis can be also suffering from hemorrhagic diseases of the newborn and that the etiology of the two conditions may be quite interdependent even though different. With a poorly functioning liver, which may often be encountered, the administration of adult blood, with its thrombin content, may frequently be necessary. Intracranial hemorrhage, when it occurs during this disease, is mostly irreversible in its effects, even though one can take a far calmer attitude towards bleeding at any other point.

New knowledge of the effect of the rhesus factor in disease has added a great deal to our knowledge, but also to our confusion. There has been a great tendency to oversimplify and overdogmatize what we now know about this disease. Babies are delivered deliberately prematurely and are transfused unnecessarily. This disease affects not only the blood but the liver, the bone marrow, and the brain of a baby. Transfusion is not a completely successful treatment in all instances, nor always logical. On the other hand, we must realize that before we knew anything about this condition, babies did survive with no treatment, or survived with transfusions not only from rhesus-negative but rhesus-positive individuals.

Convulsions during the newborn period are very frequent. Sometimes they are due to tetany, but this easily treatable condition is a rare cause. We are inclined too much, probably because of wishful thinking, to inject calcium into every baby that has a convulsion or spasm.

At present, the greatest problem that we face in the newborn period is nursery-acquired infection. Nursery infections are becoming widespread and almost endemic, even though not in the severe form as they were first described as epidemic diarrhea of the newborn. Although at present we have no clear-cut form of therapy and no sure way to prevent this disease, the medical profession must critically examine the conditions under which newborn babies are kept. They should do everything they can to improve the construction and organization of nurseries for newborn infants.

Rheumatic Fever

Herman H. Riecker, M.D., Ann Arbor, Michigan

In this discussion, emphasis was again placed upon three points regarding rheumatic fever: the essential diagnostic criteria, the avoidance of false diagnoses, and the insidious onset of the disease in many cases.

The diagnostic points consist of mitral stenosis, fibroid nodules in association with fever, malaise and anemia, migrating joint symptoms with the above, and frequently an elevated sedimentation rate. The dramatic response to salicylates is a helpful confirmatory procedure.

The minor symptoms may be of importance when occurring in certain combinations, including epistaxis, fatigue, anemia, failure to gain weight, a positive family history, low-grade fever, rapid pulse, and a history of recent respiratory tract infection.

Involvement of the heart, from the standpoint of microscopic pathology, occurs in every case and can be detected in about 80 per cent during the first attack.

There is no difficulty in diagnosis in the acute, fulminating attack, but unless mitral stenosis is present, the insidious case often presents serious diagnostic difficulties. Here the differential diagnosis includes cardiovascular asthenia, congenital heart lesion, brucellosis, and various focal infections, such as pyelitis, sinus and tonsillar disease, as well as tuberculosis and lymphoblastoma.

The diagnosis of rheumatic fever should not be made unless an unequivocal basis of evidence is present.

All structures and tissues of the heart may be involved, and in 10 per cent of children, the carditis is the only clinical manifestation and may progress in the first decade of life by a single attack to fatal termination. Carditis is reported to be present in 100 per cent of cases occurring during this period of life.

Pericarditis is the most commonly overlooked manifestation of cardiac involvement, and its detection by physical signs should be kept in mind as possibly the first evidence of activity in both latent cases and the initial attack.

Sulfonamides continue to be our best prophylactic measure for the prevention of recurrences, and small doses suffice to render most streptococcal strains nonpathogenic.

After many years of favorable clinical experi-

ence ir now be cylates fever. mouth dosage

Who of the of case matic future

physic quate by th and t

> Infes Euge Mi

> > sive (

of of would and the that tune

after an i and S been the

chol

par sici Inf niti bili

> wh lia for for ca

ea er sc

jt

ence in the use of large doses of salicylates, it has now been shown in the laboratory that the salicylates do have a *specific action* in rheumatic fever. The drug should be administered by mouth, or by enema (not intravenously) in liberal dosage to all active cases.

gan

ced

the

ilse

ase

sis,

ise

the

on

a

ce

ıd-

iin

er,

ry

nt

nd

he

te,

us

g-

al

C-

se,

ot

is

e

ly

to

g

d

S

it

ıl

S

While at present less than half the population of the state is being served, extensive expansion of case finding and proper care of all cases of rheumatic fever in Michigan is foreseen in the near future.

The service, while making severe demands upon physicians interested in the disease, is being adequately financed from the standpoint of the child by the Michigan Crippled Children Commission and the Michigan Society for Crippled Children and Disabled Adults, Inc.

Infestation With Sarcoptes Scabiei var. Hominis Eugene A. Hand, M.D., Saginaw, Michigan

Military and civilian physicians were apprehensive during the recent great conflict that the return of our world-traveled veterans to civilian life would be followed by an increase of the tropical and other contagious diseases heretofore rare in the states. Recently the Surgeon General stated that due to counter measures and also good fortune this was untrue.

This is true for malaria, filariasis, yellow fever, cholera, intestinal parasites, and many others. As after all wars and social upheavals, there has been an increase in venereal disease, fungous infections, and especially scabies.

Scabies, the itch, or seven year itch, has long been common. The marked increase of scabies in the military and civilian population during and particularly after this war was observed by physicians in all parts of this and foreign countries. Infestations in individuals, families, and communities have been traced to furloughed and demobilized veterans.

The speaker's interest in scabies was whetted while on duty as a liaison officer with the Australian army in Perth, Western Australia. The unfortunate use of bichromate as a dye for khaki uniforms and blankets of this superb ally led to many cases of khaki or chrome dermatitis. During the early stages of this condition, the presence of general pruritis aggravated at night, the same as with scabies, made the differential diagnosis difficult.

The treatment of these conditions is diagrammatically different. The complications of dermatitis, pyodermas, and eczematization, often chronic in type, seen from treatment of scabies with sulphur and other of the antiscabetic specifics, were even more common and distressing when used by error on skin irritated by bichromate dye. It was imperative to find an easy method of finding the scabetic organism to make an accurate diagnosis, to avoid this error.

Bonomo, of Leghorn, Italy, in 1687, described the Sarcoptes scabiei var. hominis after teasing the female adult out of a scabetic burrow or vesicle on the point of a needle or pin. This has been the classic method of demonstrating the scabies insect and is so described inmost textbooks on dermatology.

This method has been likened to the difficulty of finding the pot of gold at the end of the rainbow. In the speaker's hands as well as others this has been difficult, time consuming, and impractical. A method of scraping or slicing a burrow, vesicle, or other scabetic lesion with a razor, then treating this with 10 per cent KOH before microscopic search, was devised and found most helpful. This method, which has been used by others, was described.

The symptoms, diagnosis, course, complications, and treatment of scabies were discussed. Special attention was given to the use of benzyl benzoate and other of the newer antiscabetic substances. The importance of inspecting and treating familial and other contacts to avoid reinfestations was stressed.

Lantern slides and a movie picture of the live scabies insect showing stages in the life cycle were shown.

Peritoneoscopic Studies in Epidemic Jaundice Thomas N. Horan, M.D., Detroit, Michigan

This presentation is a description of the gross and microscopic changes in the liver in the course of jaundice. Specimens of the liver are taken by biopsy from the first days of the illness (before the jaundice has appeared) through the stage of jaundice, and into the recovery phase for as long as one or two years after the beginning of the illness. The specimens are minute but entirely adequate for microscopic study. The examination is done using local anesthesia.

A direct study of a major organ done in this

way expresses clearly the extent and nature of the damage sustained by the liver. It shows the mode and celerity of the repair process. It establishes the normal healing time, and gauges convalescence in the more protracted cases. The degree of accuracy of various liver tests can be judged; when these tests are compared, case by case, with actual changes in the liver.

Cancer of the Uterus

A. E. Catherwood, M.D., Detroit, Michigan

Cancer of the uterus assumes an important role in the life of the American family and in the interest of the medical profession.

The education of the laity to a full realization of the significance of early diagnosis and treatment, and necessity for periodic examinations, are part of the duties of the profession.

A careful pelvic examination, including a digital and speculum visualization of the cervix, is a necessity for the woman who comes for periodic check-up, in cancer detection.

Diagnosis is made by microscopic examination of tissue removed by biopsy from the site of the lesion.

At the present time, full and complete co-operation between the gynecologist, radiologist and the pathologist offers the best method of treatment for all types of cancer of the uterus, with each patient presenting her particular problem of management, if maximum benefits are to be achieved.

The treatment decided upon may be radium application, super-voltage roentgen ray therapy, surgical removal, or a combination of these procedures, depending upon the site of the lesion and the stage of the disease.

Continued follow-up observations, over a period of years, are essential if we are to benefit by experience and evolve new techniques in the management of this important disease.

DOCTORS IN GREAT BRITAIN

The 1947 edition of the Medical Register has recently been published (22s., post free). Particulars given in tabular form reveal that on Dec. 31, 1946, there were 76,292 names on the *Register*—nearly half as many again as in 1927, when there were 53,591. In 1946 2,237 names were added and 1,092 removed for various reasons-British M. J., July 5, 1947.

ON THE RUN . . .

Treatment of patients is essentially an effort to improve their internal stability and external adaptability,

Honesty and frankness appear to rank first with patients; good medical service, sympathy, kindness and friendliness are of secondary importance.

Five per cent of patients with rheumatic heart disease and 8 per cent with congenital heart lesions develop bacterial endocarditis.

Lymphosarcoma of the small bowel is usually diffusely infiltrating and not limited to a small area of the intestine so that the mass is frequently palpated.

-Selected by W. S. REVENO

EIGH

 $T_{\mathrm{M}}^{\mathrm{HE}}$

in Gra

we vis

tivities

is a p

Civic

quart

offers

crowo meeti

Th

be p

time

ing r

hibit

scien

Micl

and

Hou

the

noon

noo

beir

eral

fere

day

Tu

da

gra he

as

ye

ica m

T

THE FUNDUS OCULI IN DIAGNOSIS AND PROGNOSIS

(Continued from Page 804)

comes established, the condition is practically hopeless. The diagnosis should be made from the pathologic changes in the anterior segment of the eyeball (the initially injured or its mate) before the fundus pathology has appeared, that is, a terminal phase of the disease.

Conclusions

In this presentation an attempt has been made to invade the field of internist, especially to call attention to the fact that the ophthalmologists have, with him, a most decided interest in certain medical problems. Perhaps he can be of some assistance.

Bibliography

- 1. Braun, R.: Deutsche med. Wchnschr., 66:527-529, (May 10) 1940.

- Braun, R.: Deutsche med. Wchnschr., 66:527-529, (May 10) 1940.
 Coats, G.: Roy. Lond. Ophth. Hosp. Rep., 17:440, 1907-1908.
 Eales, H.: Ophthal. Rev., 1:41, 1882.
 Elwyn, H.: Diseases of the Retina. Philadelphia: The Blakiston Company, 1946.
 Von Hippel, E.: Arch. f. Ophth., 117:221, 1926.
 Igersheimer, J.: Syphilis und Auge. 2nd Ed. Berlin: Julius Springer, 1928.
 Koch, Wolf, Cowan, and Page: Arch. Ophthal., 26:565-584, (Oct.) 1941.
 Leber, T.: Die Krankheiten der Netzhaut. In The Graefe-Saemisch Handbuch der gesamten Augenheilkn. 2nd Ed. Leipzig: W. Englemann, 1916.
 Lillie, W. I.: Cardio Vascular Renal Disease. New York and London: D. Appleton Century Co., 1940 (Smith, Weiss, Lillie, Konzelmann Gault.)
 Lucic, H.: Ophthalmology in the War Years, Vol. 1. Weiner, p. 851. Chicago: Year Book Publishers, 1946.
 Muncaster, S. B. and Allen, H. E.: Arch. Ophthal., 21:509, 1939.

- 1939.

 12. Nettleship, E.: Roy. Lond. Ophth. Hosp. Rep., 11:1, 1887.

 13. Roenne, H.: Acta Ophth., 12:1, 1934.

 14. Rochon-Duvigneaud, A.: Arch. d'Ophth., 26:175, 1906.

 15. Schmidt, R.: Arch. f. Ophth., 142:1-15, 1940.

 16. Schultz, J. F.: Texas State J. Med., 35:705-708, (Feb.) 1940.

 17. Spaeth, E. B., and de Long, P.: Tr. Am. Acad. Ophth., 45:227, (July-August) 1941.

 18. Tassman, J.: The Manifestations of Internal Diseases, 2nd ed. St. Louis: C. V. Mosby Co., 1946.

 19. Woods, A.: Arch. Ophth., 18:510, 526, 1937; and Am. J. Ophth., 21:366-383, 1938.

818

JOUR. MSMS

Editorial

EIGHTY-SECOND ANNUAL SESSION

imility.

pa-

ease

sely

tes-

C

)e-

h-

he

al

de

11

le

THE EIGHTY-SECOND Annual Session of the Michigan State Medical Society will be held in Grand Rapids, September 23-26, 1947. Again we visit the ideal convention city, where all activities may be held practically under one roof. It is a pleasure to meet in Grand Rapids, with its Civic Auditorium attached by subway to the head-quarters hotel, The Pantlind. The Furniture City offers plenty of space. The halls need not be crowded, the exhibits will have room, and the meetings will be conviently housed.

The official call and the complete program will be presented in the August Journal, but it is time our members who wish to attend begin making reservations. The scientific and technical exhibits have all been procured, and a topnotch scientific program featuring twenty-eight out-of-Michigan speakers has been arranged. Sunday and Monday, September 21-22, will be devoted to House of Delegates' meetings; the final meeting of the House of Delegates will be held Tuesday forenoon.

The Scientific Program will run from Tuesday noon to Friday noon, with twelve Section Meetings being held during the forenoon hours. Seven General Assemblies, and twenty-three Discussion Conferences will utilize all time on Tuesday, Wednesday, Thursday and Friday morning.

Alumni and fraternity dinners will be held Tuesday evening. Officers' Night will be Wednesday, and State Society Night will be Thursday.

This is a well-filled and rather ambitious program which will surpass anything we have ever held. Michigan is becoming an outstanding state, as far as medical affairs are concerned, and this year will add to our stature.

You must not miss this great incoming of medical men with their wares and their accomplishments and their ambitions.

WAGNER-MURRAY-DINGELL

PRESIDENT TRUMAN has again proposed a National Health Insurance program, and urged the Congress at least to make a start at this session. In 1945 when the President sent his mes-

sage to Congress for COMPULSORY HEALTH INSURANCE, he had the stage all set; simultaneously Senators Wagner and Murray and Congressman Dingell offered another version of their bill.

The strategy used in 1945, when the President urged socialized medicine, was worked again, and on May 20, 1947, bills were introduced by Wagner, Murray, and Dingell, S-1320 and H.R.-3548. The latest bills have been entirely rewritten, and we shall present a digest as soon as possible. They provide personal health services to eligible individuals, medical services, dental services, home-nursing services, hospital services, and auxiliary services.

Medical services include general or family practice, and specialist service rendered on referral. Such services are rendered at the office, home, hospital, or elsewhere, as necessary. Dental services are in the same classification and places of service. Home-nursing consists of nursing care in the home by a registered nurse or a qualified practical nurse.

"In the provision of personal health . . . it shall be the policy to utilize . . . (1) any organized group of individuals, (2) any partnership, association or consumer co-operative, (3) any hospital or any hospital and its staff, or (4) any organization operating a voluntary health-service insurance plan or other voluntary health-service plan."

Eligibility for benefits is restricted: "If he has received (A) not less than \$150 in wages during the FIRST FOUR of the LAST SIX QUAR-TERS PRECEDING the beginning of the benefit year, or has earned if self employed (B) not less than \$50 in wages in each SIX CALENDAR QUARTERS during the first twelve of the last fourteen quarters preceding the beginning of the benefit year." You cannot benefit unless you earned at least \$150 a year and a half before the beginning of the benefit year if employed, but if self-employed you must earn \$50 in six threemonth periods of the first three years of a three and a half-year period. This is rather complicated, but it means a self-employed person to become eligible for benefits must have been under the plan for three and a half years. Provision is made for benefits to the needy.

"Payments to hospitals shall be based on the LEAST EXPENSIVE MULTIPLE-BED accommodations" unless the patient's condition makes private accommodations essential. Rates of payments to general medical, and dental practitioners, specialists, et cetera, shall be arrived at by regard for the annual income or its equivalent which the payments will provide. Such payments "shall be sufficient to encourage high standards in the quality of services furnished, to give assistance in their opportunities for postgraduate study, and to allow for adequate vacations."

We have found no tax provision in the bill, but "there shall be appropriated to the account for the fiscal year ending June 30, 1950, and for each year thereafter (1) sums equal to 3 per centum of all wages (earning up to \$3,600) estimated to be received during the year. But there shall be appropriated to the account in the fiscal year 1949 a sum equal to 1 per centum of all wages."

THIS BILL IS AN INCOME TAX ON THE LOW INCOME GROUP. NO EXCEPTIONS ARE ALLOWED.

MICHIGAN'S TESTIMONY FOR S-545 BEFORE SENATE COMMITTEE

E DWARD F. SLADEK, M.D., of Traverse City, Chairman of the Council MSMS, was selected as Michigan's representative to testify on the Taft-Ball-Smith-Donnel Health Bill. He testified June 6, 1947.*

The health of our people can be materially benefited by the passage of S-545.

The efficacy of any national medical care program can be judged only by its value at the local level. My county of 25,000 population is typical of those rural areas which are removed from the influence of great urban centers. At this level, the operation of a voluntary prepaid medical care plan has made, over the past few years, a major contribution to the health of the entire population of my county. S-545 favors a continued development and encouragement of such voluntary plans.

Care is adequate for the people, under voluntary medical care plans, as encouraged by S-545. Such plans are desirable to the patient and satisfactory to the doctor.

S-545 can enlarge the coverage of voluntary

prepaid medical care plans to include the medically indigent.

during

docto

of th

D.O.'

eges.

tion b

dents

privil

numb

and

Thes

other

O

and

by yo

port

calls

out

ordi

two

pub

bers

PO

EM

fata

this

tho

abl

dea

COI

sid

gio

pla

he

pa

tic

Va

m

al

C

J

T

Service can be all-inclusive under a voluntary prepaid medical care plan, to cover all groups: the self-supporting, the indigent, the medically indigent, as well as those in the federal assistance categories (clients of old age assistance, aid to dependent children, aid to the blind, et cetera). A classic example is the Veterans Administration agreement with Michigan Medical Service for "home town" medical care of veterans—a plan which works equally as well in the community of 25,000 population as it does in the largest city of the state—and through which quality medical service is being rendered by a willing medical profession to the complete satisfaction of both the patients and the government.

WHAT OF OSTEOPATHY?

OSTEOPATHY has been making gains in amount and type of practice which osteopathic practioners are allowed, or assume the right, to do. Older physicians will remember the first attempts at invasion of medical practice, how they secured entrance in one state after another, to practice a type of physical medicine. They repudiated the older field of medicine and surgery, claiming a better theory. At first they were quite popular with large classes of people who did not wish to use or have drugs prescribed for them.

The State Board Number of the Journal of the American Medical Association May 17, 1947, reports examinations in fifteen states, where osteopathic graduates are allowed to take the Medical Board examination: Colorado, Connecticut, Delaware, District of Columbia, Indiana, Massachusetts, Nebraska, New Hampshire, New York, New Jersey, Ohio, Oregon, Texas, Virginia, Wisconsin and Wyoming. In all, 802 osteopaths have been licensed by examination in these states in 1941-1946, and 152 by reciprocity or endorsement. The schedules of practice under these acts differ somewhat. In Connecticut, Indiana, New York, New Hampshire, Nebraska, they may practice medicine and surgery; in Colorado, medicine; in others, osteopathy.

In Michigan, as in many other states, osteopaths have assumed the practice of medicine and surgery and obstetrics under their own practice laws. During the years various governmental and industrial groups have recognized them for services, and

^{*}The full text of Dr. Sladek's statement before the Committee is published on page 756.

during the war, owing to an actual shortage of doctors of medicine, created by the military chiefs of this country who demanded M.D.'s and not D.O.'s practice, osteopaths extended their privileges. The Selective Service accentuated the condition by exempting osteopaths and osteopathic students from the draft, but would not grant the same privilege to M.D.'s. Doctors of Medicine in large numbers were called from small towns, rural areas, and many of our countries became shorthanded. These could be replaced only by osteopaths, for no other practitioners were available.

al-

iry

DS:

lly

ce

le-

A

on

or

an

of

of

cal

0-

he

in

ic

to

t-

ey

to

e-

te

ot

ie

e-

2-

al

1-

1-

W

n

n

e

V

e

y

Only one result could be forthcoming. General and rural practice has largely been pre-empted by young, ambitious cultists ready to seize new opportunities, ready to make home calls and night calls where the older doctor of medicine, worn out by the terrific grind of service to double his ordinary round of patients, could not respond.

The result! We have a growing situation of two overlapping groups trying to care for the public. The best thought and efforts of our membership are needed to solve the problem presented.

POSTOPERATIVE PULMONARY EMBOLISM*

A PPROXIMATELY ONE out of every 1,100 postoperative surgical patients dies from fatal pulmonary embolism. Statistics supporting this conclusion are derived from several hundred thousand surgical patients surveyed in large reputable surgical clinics in this country. While this death rate due to thrombo-embolic pathologic conditions is not enormous, yet it merits real consideration toward its reduction.

Treatment designed to combat this type of surgical catastrophe roughly falls under one of three plans. The first is largely preventive. Under this heading comes the perfect preparation of the patient for surgery. As excellent physical condition as possible should be achieved and all of the various elements of the blood brought up to normalcy. The operation itself should be done gently, meticulously and with complete hemostasis. Nonabsorbable sutures should be used wherever possible. Postoperatively the patient should be encouraged to exercise as much as possible, to change

his position in bed frequently, to see there is no type of pressure in the popliteal space by bed arrangement, to practice deep breathing exercises and perhaps stay away from tobacco both preoperatively and postoperatively because of the vasospastic effect. Ambulation as early as possible for each individual case should be strongly encouraged inasmuch as there are definite statistics showing the greatly decreased thrombo-embolic phenomena where early ambulation is practiced.

Under the second plan of treatment we have the anticoagulants. Barker at the Mayo Clinic has conclusively shown that thrombo-embolism can be decreased almost to zero by intelligent use of dicoumarol. Bauer has obtained somewhat comparable results from heparin.

Definite pitfalls exist in this type of treatment however in the matter of varying sensitivity of patients to these drugs. Where the sensitivity is great, prothrombin and coagulation times may be so lengthened that resultant wound and internal hemorrhages can occur. In the case of dicoumarol if very careful observation of the patient is practiced and the daily prothrombin rate is kept between 30 and 40 per cent of normal, then excellent results can usually be obtained.

The third plan of treatment entails the various vein ligations advocated by such men as Allen, Coleman, Detakats and others. While excellent results are obtained here, it must be remembered that the greatest percentage of thrombo-embolic deaths occur without any warning whatever; hence it is impossible in the majority of cases to determine when the ligations should be done. These ligations usually are done in the superficial femoral vein just distal to the profunda. However, ligations can be carried out in the common femoral, iliac or even the vena cava. Many of these particular procedures are major operations in themselves, and it is our opinion that they will not stand the test of time.

In summary, we favor the excellent preparation of the patient, careful, gentle, meticulous surgery, early exercise and ambulation with the use of dicoumarol therapy in the selected operations where thrombo-embolism is most apt to develop. Such operations are those on the uterus, bladder, prostate, rectum, colon, gangrenous appendices, biliary tract and hernias in obese subjects.

RUSSEL L. MUSTARD, M.D.

^{*}This abstract from the first annual meeting of the Michigan Postgraduate Clinical Institute was so important that we are using it as a Scientific Editorial and have asked Dr. Mustard to write a more extensive paper on the subject, which will appear in a future number of The Journal.

THE 82nd ANNUAL SESSION MICHIGAN STATE MEDICAL SOCIETY

Pantlind Hotel-Civic Auditorium, Grand Rapids, September 23-26, 1947

INFORMATION

Registration, Tuesday noon to Friday noon, September 23-26, exhibit floor, Civic Auditorium, Grand Rapids.

No registration fee to MSMS members.

Admission by badge only.

Postgraduate Credits given to every member who attends MSMS Annual Session.

Seven General Assemblies—Twelve Sectional meetings—twenty-three Discussion Conferences on September 23-24-25-26.

Public Meeting. The Fourth General Assembly, Wednesday, September 24, 8:30 p.m.—Officers' Night—will be open to the public. Invite your patients and friends to hear an internationally famous personage scheduled for this program.

Papers will begin and end on time. This scientific meeting will feature by-the-clock promptness and regularity.

House of Delegates, MSMS, convenes Sunday, September 21 at 2:00 p.m., Ballroom, Pantlind Hotel; it will hold two meetings on Monday, September 22, at 10:00 a.m. and at 8:00 p.m., and conclude with a breakfast and meeting Tuesday, September 23, at 8:00 a.m.

One hundred four technical exhibits and a score of scientific exhibits will contain much of interest and value. Intermissions to view the exhibits have been arranged.

Please register at every booth.

Burton R. Corbus, M.D., Grand Rapids, is General Chairman of the Grand Rapids Committee on Arrangements for the 1947 MSMS Annual Session.

Committee on Scientific Exhibits—J. W. Logie, M.D., Grand Rapids, and John M. Wellman, M.D., Lansing.

Press Relations Committee for the scientific session—C. A. Payne, M.D., Chairman, assisted by G. T. Aitken, M.D., and J. R. Brink, M.D., all of Grand Rapids.

Parking—Do not park your car on the street. Convention parking near the Civic Auditorium will be marked off with suitable sidewalk signs. The Grand Rapids Police Department will issue courtesy cards (at Registration Desk) for out-of-town autos, which give parking privileges but do not apply to metered spaces. Nearby parking lots are available, as well as convenient indoor parking facilities. The indoor parking rate at the Pantlind Garage is \$1.00 for twenty-four hours. This is close to the Pantlind Hotel.

The Woman's Auxiliary to the Michigan State Medical Society will present an attractive social and business program to which the wife of every MSMS member is cordially invited.

GENERAL ASSEMBLIES

P.M. 1:40

2:00

2:20

3:45

4:05

G

P.M

8:3

Red

Swe

Sur

ing Ra

cal

Tentative Program

All General Assemblies will be held in the Black and Silver Ballroom of the Civic Auditorium, except the Fourth Assembly of Wednesday evening, September 24, which will be held in the Ballrooms of the Pantlind Hotel.

First General Assembly

Tuesday, September 23 (afternoon)

P.M.

- 1:40 Allen O. Whipple, M.D., New York, Emeritus Valentine Mott Professor of Surgery, Columbia University, Clinical Director, Memorial Hospital, New York City. "The Early Diagnosis of Pancreative and Ampullary Growths, with an Evaluation of Surgical Therapy."
- 2:00 Andrew C. Ivy, M.D., Chicago, Vice President, University of Illinois. "The Diagnosis of Jaundice from a Therapeutic Viewpoint."
- 2:20 Wendell G. Scott, M.D., St. Louis, Mo., "The Investigation of Low Back Pain by Radiographic Methods."
- 3:45 Louis Schwartz, M.D., Washington, D. C., Medical Director (Retired), Consultant to Officers of Dermatology, U.S.P.H.S. "Diagnosis, Prevention and Treatment of Occupational Dermatitis."
- 4:05 C. B. Lull, M.D., Philadelphia, Director, Division of Obstetrics and Gynecology, Pennsylvania Hospital, Consultant Obstetrician and Genecologist to the Philadelphia General Hospital, Chief of Staff and Consultant to the Delaware County Hospital. "The Changes and Improvements in Obstetric Practice During the Past Twenty-Five Years."

Second General Assembly

WEDNESDAY, SEPTEMBER 24 (morning)

A.M.

- 9:30 Frederic E. B. Foley, M.D., St. Paul, Minn.
 "The Part of the General Practitioner in the
 Management of Vesical Neck Obstruction."
- 9:50 Harry Gold, M.D., New York, Associate Professor of Pharmacology at Cornell University Medical School, Attending Cardiologist at the Beth Israel Hospital and at the Hospital for Joint Diseases, New York. "Management of the Failing Heart."
- 11:10 Russell L. Cecil, M.D., New York, Professor of Clinical Medicine, Cornell University Medical College, Visiting Physician Bellevue Hospital, Consulting Physician New York and Veterans Hospitals. "Chronic Arthritis."
- 11:30 George M. Curtis, M.D., Columbus, Ohio. "Surgery of the Spleen."

822

Jour. MSMS

Third General Assembly

WEDNESDAY, SEPTEMBER 24 (afternoon)

PM. A. D. Campbell, M.D., Montreal, Canada. "Certain Aspects of Vaginal Surgery." 1:40

John R. Lindsay, M.D., Chicago, Professor of Otolaryngology, University of Chicago. "Ver-tigo: Differential Diagnosis and Treatment." 2:00

2:20 R. V. Platou, M.D., New Orleans, La. "The Tuberculous Child."

Reynold A. Jensen, M.D., Minneapolis. "The Physician and the Child." 3:45

4:05 C. F. Dixon, M.D., Rochester, Minn. "Carcinoma of the Colon and its Management."

Sixth General Assembly

THURSDAY, SEPTEMBER 25 (afternoon)

P.M.

Paul A. O'Leary, M.D., Rochester, Minn., "The Use of Penicillin in the Treatment of Syphilis in General Practice." 1:40

L. Emmett Holt, Jr., M.D., New York. "The Treatment of Infantile Diarrhea." 2:00

R. L. Haden, M.D., Cleveland, Ohio. "Gout." 2:20

Joseph D. Aronson, M.D., Philadelphia. "The Role of BCG Vaccine in the Control of Tuberculosis." 3:45

4:05 S. W. Harrington, M.D., Rochester, Minn. "Cancer of the Breast."

Fourth General Assembly

WEDNESDAY, SEPTEMBER 24 (evening)

Public Meeting

P.M.

1

al

g.

t,

e

.

n

a

d

8:30 OFFICERS' NIGHT. Presidential Address and Induction of New President

Biddle Oration

Rear Admiral C. A. Swanson, MC, USN, The Surgeon General, Wash-ington, D. C., "Atomic ington, D. C., "Atomic Radiation and Its Medi-cal Implications."



THURSDAY,

SEPTEMBER 25 (evening)

STATE SOCIETY NIGHT

P.M.

10:00 Dancing for MS-MS members and their ladies. Ballroom, Pantlind Hotel, Grand Rapids.

Looking for a Diagnosis?

Save time and effort-spare yourself a frantic search for the diagnosis of an unusual case . .

Attend your MSMS Annual Session; Learn the Easy Way.

Fifth General Assembly

THURSDAY, SEPTEMBER 25 (morning)

A.M.

R. H. Williams, M.D., Boston. "Comparison of Chemical and Physical Methods of Treating 9:30 Thyrotoxicosis."

9:50 C. S. O'Brien, M.D., Iowa City, Iowa. "Senile Cataract from the Standpoint of the General Practitioner."

11:10 Frank E. Whitacre, M.D., Memphis, Tenn. "The Diagnosis and Treatment of Ectopic Pregnancy."

11:30 Michael DeBakey, M.D., New Orleans. "Therapeutic Application of Hemometakinesia in Peripheral Vascular Disturbances."

Seventh General Assembly

FRIDAY, SEPTEMBER 26 (morning)

A.M.

Clement A. Smith, M.D., Boston. "The Po-9:30 tentialities and Limitations of Prenatal Pedia-

Alan R. Moritz, M.D., Boston. "When and Why Should the State Compel the Performance of 9:50 an Official Autopsy?

11:10 W. Wayne Babcock, M.D., Philadelphia. "Closure of Abdominal Fistula."

W. E. Herrell, M.D., Rochester, Minn. "The Present Status of Sulfonamide and Antibiotic 11:30 Therapy. General Assemblies end at 11:50 a.m.

JULY, 1947

SECTION MEETINGS

Tentative Program

Tuesday, September 23, 12:00 noon to 1:30 p.m.

(luncheon meetings)

- Dermatology, Room 222, Pantlind Hotel Louis Schwartz, M.D., Washington, D. C., "Dermatitis from Wearing Apparel."
- 2. Radiology, Sadler Lounge, Pantlind Hotel
 W. G. Scott, M.D., St. Louis, Mo. "Prolapses of
 the Gastric Mucosa as a cause of Gastrointestinal Symptoms."

Wednesday, September 24, 12:00 noon to 1:30 p.m.

(luncheon meetings)

- Urology, Room 322, Pantlind Hotel
 Frederic E. B. Foley, M.D., St. Paul, Minn.
 "An Artificial Sphincter—a New Device and Operation for Control of Urinary Incon tinence and Nocturnal Enuresis.
- Pediatrics, Sadler Lounge, Pantlind Hotel.
 R. V. Platou, M.D., New Orleans, La. "Management of Infantile Congenital Syphilis."
- 5. Surgery, Ballroom, Pantlind Hotel
 C. F. Dixon, M.D., Rochester, Minn. "Importance of Preoperative and Postoperative Care in Intestinal Surgery."
 George M. Curtis, M.D., Columbus, Ohio—Dis-

cussant. 6. Otolaryngology, Room 222, Pantlind Hotel John R. Lindsay, M.D., Chicago. "The Sig-

nificance of Postural Vertigo in Otoneurological Diagnosis.

Thursday, September 25, 12:00 noon to 1:30 p.m.

(luncheon meetings)

Anesthesia, Room 322, Pantlind Hotel Round Table on "Economic Problems in Anesthesi-

R. J. Armstrong, M.D., Kalamazoo, Mich., Lead-

- 8. Ophthalmology, Room 222, Pantlind Hotel C. S. O'Brien, M.D., Iowa City, Iowa. of the Extraocular Muscles." "Surgery
- Medicine, Furniture Room, Pantlind Hotel.
 H. M. Pollard, M.D., Ann Arbor. "Recent Developments in the Management of Peptic Ulcer."
- 10. Gynecology-Obstetrics, Schubert Room, Pantlind Ho-Harold C. Mack, M.D., Detroit.
- Trends in Cesarean Section." General Practice, Ballroom, Pantlind Hotel.
 R. L. Gecil, M.D., New York. "Unusual Forms of Rheumatic Pain."

Friday, September 26, 12:00 noon to 1:30 p.m.

(luncheon meetings)

Pathology, Room 222, Pantlind Hotel
 F. Roland Allaben, LL.B., City Attorney, City of Grand Rapids. "The Doctor in Court." Alan R. Moritz, M.D., Boston—Discussant.

Committee Reports

ANNUAL REPORT OF COMMISSION ON HEALTH CARE—1946-47

The experience of the Commission on Health Care during the year 1946-1947 leads increasingly to the conclusion that the activities of the State Medical Society relating to irregular practice of all types, need to put forward continuous effort from the standpoint of legislation and law enforcement. Beyond this we are increasingly convinced that the best results as relating to the problems created by so-called "doctors" (not M.D. and D.D.S.) in the health field, is more and better care of the public by the regular health professions.

There is evidence that good health care can be markedly increased by the careful development of "Medical Associates." To this end effort has been put forth this year. We have been handicapped by lack of funds, but more have been forthcoming recently, and at least for a time a full-time secretary has been assigned

to the Commission.

Committees are working on the following divisions:

The Division of Dental Associates

The Division of Dietetics
The Division of Medical Secretaries and Librarians

The Division of Nursing
The Division of Clinical Laboratory Assistants

The Division of Physical Medicine and Occupational Therapeutics The Division of Ophthalmic Associates

The Division of Orthopedics and Dermatology
The Division of X-Ray Technicians
The Division of Clinical Psychology

The Division of Medical and Surgical Art and Photography

The Division of Associates to Hospital Administrators
The Division of Economics of the Health Services
The Division of Pharmacy

The Division of Public Health (and Veterinarian Services).

It seems apparent that for every doctor of medicine and dentist in the United States, about nine others are required somewhere in the health field to care for health needs. These are auxiliary to the doctors of medicine and dentists, and essential to the distribution of medical care. With 130,000 physicians, and 70,000 dentists, that means 1,800,000 physicians, and 70,000 dentists, that means 1,800,000 associates to the doctors of medicine and the dentists. At only \$200.00 per month, this represents over four billion dollars needed annually, to provide for those who are necessary if the medical and dental professions are to distribute medical care efficiently. Our estimate is very low; five billion would come closer to it.

These considerations call to our attention the following points:

- 1. The big business in terms of money represented in the care of the people through the health services.
- 2. The stake that the government has in it from the standpoint of public health.
- 3. The temptation held out to politicians in wanting to control such vast resources.
- 4. The possibilities of political mal-use of medical Associates, if left to politics alone.
- 5. The need, therefore, of our seeing the whole picture and setting it up to be administered by the health professions who ought to be able to direct it efficiently.
- 6. The need of our being in position to place in the hands of our representatives in Congress, organization detail to implement such legislation in the interests of the people, such as the Taft bill.
- 7. The need of a system, set up and managed by the health professions, into which all necessary government

Service 8. somet insura pulsor The Let 1 think

in Co

for it

health

operat

ANN DIST Th Hous ing a prob

> pital necte

appo com

Affa poin D tee ' and men the Hea Cou urge

LE

di

al ar re

sh

health activities can enter on a basis not unlike the cooperation of the government with Michigan Medical Service Veterans' care.

8. The need for the medical profession to provide something better than we would expect compulsory health insurance to be or to expect the people to vote for compulsory health insurance.

The United States government is our government, too. Let us place ways and means for health care, as we think it should be, in the hands of our representatives in Congress, so that both they and the people may vote

Respectfully submitted,
RALPH H. PINO, M.D., Chairman
H. M. POLLARD, M.D.
B. R. CORBUS, M.D.
F. H. DRUMMOND, M.D.
H. A. KEMP, M.D.

ANNUAL REPORT OF COMMITTEE ON DISTRIBUTION OF MEDICAL CARE—1946-47

The committee met in Detroit at the David Whitney House on December 11, 1946, for the purpose of studying and making recommendations on present and future

The problem of collection of fees for emergency hospitalization services to veterans with non-service connected disability was discussed, and it was decided to appoint a subcommittee who should act as an advisory committee to assist the Michigan Office of Veterans Affairs in this matter. Dr. E. M. Vardon was later ap-

pointed as the committee.

Dr. Carleton Dean explained in detail to our committee the need for extended physical restoration programs and for legislative aid to afflicted adults. It was recommended that Dr. Dean be placed on a subcommittee of the Michigan State Medical Society Commission on Health Care and also that it be recommended to The Council of the Michigan State Medical Society that it urge creation of physical restoration courses in the universities.

Respectfully submitted,
C. W. Colwell, M.D., Chairman
S. W. Insley, M.D., Vice Chairman
W. W. Babcock, M.D.
R. H. Baker, M.D.
George Curry, M.D.
H. F. Dury, M.D.

GEORGE CURRY, M.D.
H. F. DIBBLE, M.D.
O. K. ENGELKE, M.D.
C. E. LEMEN, M.D.
R. H. PINO, M.D.
E. C. SITES, M.D.
E. C. TEXTER, M.D.

E. M. VARDON, M.D. W. R. YOUNG, M.D.

ANNUAL REPORT OF MEDICAL LEGAL COMMITTEE—1946-47

No meeting of the Medical Legal Committee has been held during the past year. As has been the custom for several years, the function of this committee has been to

act in an advisory capacity only.

Only one physician has consulted the chairman of the committee about a threatened malpractice suit. This man did not carry any form of malpractice insurance, and all we could do was to advise him that he should employ an attorney with experience in such cases and await results.

It is again reiterated that every physician in the state should notify the Executive Secretary of the Michigan State Medical Society at once, if a suit is threatened.

Respectfully submitted, S. W. Donaldson, M.D., Chairman F. A. Mercer, M.D.

W. B. MITCHELL, M.D. W. J. STAPLETON, JR., M.D.

ANNUAL REPORT OF PREVENTIVE MEDICINE COMMITTEE—1946-47

In the year just passed the Committee on Preventive Medicine has held two meetings at which the activities of its advisory groups were thoroughly discussed and indicated recommendations passed on to The Council of the Society.

Prominent in these discussions were:

1. The question of further extension of the effort of the Scientific Radio Committee in the direction of broader coverage;

2. Progress made by the Iodized Salt Committee to-wards stimulating renewed lay and medical interest in this valuable preventive measure;

3. Planning of a long-range investigation of hypertension by the Committee on Degenerative Diseases;

4. Recommendations for a standard procedure to be followed in the reporting, prevention and management of infectious diarrhea in the newborn;

5. Follow-up studies by the Child Welfare Committee of the survey conducted in co-operation with the Academy of Pediatrics; and

6. A discussion of present and future activities of the Rheumatic Fever Control Committee.

The Committees on Cancer Control, Venereal Disease Control, Mental Hygiene, Maternal Welfare and Indus-trial Health have all been active in carrying out programs previously set up.

Reports of all advisory committees appearing in these pages offer but brief testimony of the effort and devotion

As in former years, the co-operation of the State Health Department under Commissioner Wm. DeKleine, was ever available and always helpful.

Respectfully submitted,
WM. S. REVENO, M.D., Chairman
A. E. CATHERWOOD, M.D.
B. R. CORPUS, M.D.
H. H. CUMMINGS, M.D. WILLIAM DEKLEINE, M.D. WILLIAM DEKLEINE, M.H. A. LUCE, M.D. K. E. Markuson, M.D. R. D. McClure, M.D. R. M. MeKean, M.D. N. F. MILLER, M.D. H. M. POLLARD, M.D L. W. SHAFFER, M.D.

Frank VanSchoick, M.D. W. R. Vis, M.D.

ANNUAL REPORT OF CANCER CONTROL COMMITTEE—1946-47

The Cancer Control Committee was enlarged this year by President Hyland through appointment of the members of the Professional Executive Committee of the American Cancer Society, Michigan Division, and of representatives of the Michigan Department of Health to the Committee as formerly constituted. This made a committee of twenty-five members, and, thus, for the first time in Michigan, one committee represents all organizations in the state interested in the cancer prob-lem. One member of the committee was appointed secretary on a full-time salary basis, with offices in Ann Arbor. Secretarial and other committee expenses were met by contributions from the American Cancer Society, Michigan Division, Michigan Department of Health, and the Michigan State Medical Society.

Four meetings of the Cancer Control Committee were

held during the year; one each in October, December, April and May. At the first meeting, three subcommittees were appointed and assigned definite duties relating to the cancer control program in the state. An outline of their accomplishments follows:

The subcommittee on Education studied the problem of lay and professional education, one result of which was the formation of a Speakers' Bureau composed of

sixty-two physicians, well distributed over the lower peninsula. Members of this Bureau have spoken at almost forty lay meetings arranged through the sec-retary's office. Many other similar meetings were held by arrangement through the office of the Michigan Division, American Cancer Society, which were not reported to the secretary's office.

One of the major professional education undertakings was the distribution of the Michigan Cancer Bulletin to all members of the Michigan State Medical Society. The cost of this bulletin and its distribution was met by the Michigan Department of Health. This series of bulletins, adapted from the Illinois Cancer Bulletin, con-This series of sists of thirteen numbers, each number discussing the diagnosis and treatment of one or more major types of cancer. The information in these bulletins will bring down to date the Cancer Manual for Physicians published jointly by the Michigan Department of Health chart for and the Michigan Department of Health about four

The subcommittee on Education has edited a series of fourteen newspaper articles on cancer for the layman, which were distributed throughout the state by the Michigan Division of the American Cancer Society.

Each county medical society has been urged to hold at least one cancer meeting during the year and, whereever possible, to have a cancer teaching day for the physicians of a county or district. Five such meetings are known to have been held during the year: two in Bat-tle Creek, and one each in Flint, Mt. Pleasant, and Ben-ton Harbor. Others are scheduled for later in the year.

Under the direction of the subcommittee on Education, a meeting was held in Marquette in June for chairmen of cancer committees and health officers of the Upper Peninsula to discuss education and other cancer control problems in that area. Three committee members and a representative of the Michigan Department of Health attended this meeting.

During the year, four radio broadcasts were given by members of the subcommittee on Education over the University of Michigan station and affiliated stations.

The Dean of the School of Public Health of the University of Michigan has been urged to place more emphasis on the subject of cancer in the training of professional public health personnel; also, to hold an in-service seminar or institute of two or more days' duration for professional health workers at a convenient time in the near future. A favorable reaction was obtained toward both of these suggestions.

The subcommittee on Ways and Means held one meeting during the year to survey the extent of existing funds for cancer work, and to discuss the future collection and disbursement of funds for cancer control purposes in Michigan.

The Fact-Finding subcommittee organized a statewide cancer survey, the field work of which was carried out during July and August by trained third-year medical students. This survey consisted of two parts: (1) the collection of comparable data from each hospital of 25 beds or more, showing bed capacity, facilities for diagnosis and treatment of cancer patients, the number of such patients cared for, and similar data; (2) an intensive pilot survey of four local areas—Hillsdale County, Kent County, the district of Antrim, Charlevoix and Emmet counties, and the district of Baraga, Houghton and Keweenaw Counties—was carried out on invitation of the medical societies in each area. In these surveys, data regarding every cancer patient seen by each physician or cared for in the hospitals in these four areas in 1946 were recorded on special blanks so that statistical analyses could be made of the information obtained. These studies, which should give valuable information on the incidence and prevalence of cancer in these local areas, and indirectly in the state as a whole, will not be completed for several months.

These surveys have been endorsed by the Michigan Hospital Association, Michigan State Nurses Association, and the Michigan State Dental Society.

ANN

COM

Th

meeti

with

meeti

Th

voted

Acad

Child

Healt

a hig

this s

Th

Th

char

study

ciety

has 1 mate

Re

ANI VEI

Ver

the

sent

the

5, 1

pro

cer

to

por

tati

at

cor

dis

ten

the

sat

qu

cil

th

co

di

Ju

At each meeting of the Cancer Control Committee, in addition to considering the many problems relating to the control of cancer in Michigan, an invited speaker has discussed some special cancer subject. These speakers and their subjects have been as follows:

Lewis C. Robbins, M.D., Cancer Consultant, U. S. Public Health Service, Chicago.
"The State-Aid Cancer Program of the U. S. Public Health Service."

R. L. Mason, M.D., American Cancer Society, New York.

"The American Cancer Society Program."

Paul R. Gerhardt, M.D., Director, Cancer Control Division, West Virginia State Department of Health, Charleston.
"The West Virginia Cancer Control Program."

W. E. Murray, D.Sc., Executive Director, Detroit Can-

cer Institute, Detroit.
"What's New in Cancer Research."

J. Ernest Ayre, M.D., Royal Victoria Hospital, Montreal, Quebec.
"The Cell Smear Technique in Cancer Diagnosis."

These special discussions have been of material help to committee members in formulating plans for the cancer control program in this state. These speakers came at the expense of the organization they represented. Or their expenses were paid by the Michigan Department of Health.

The Secretary's office has answered many inquiries from Michigan and other states regarding the cancer program. The Committee has given advice and helpful suggestions to several local medical organizations in the state regarding the organization and functioning of cancer detection

Advantage has been taken of all opportunities to encourage added emphasis on the cancer control problem among professional and lay organizations throughout the state

The Committee urges a continuation and expansion of this broad program of education and service in the cancer field during the coming year.

Respectfully submitted,

N. F. MILLER, M.D., Chairman W. A. HYLAND, M.D., Ex officio F. A. COLLER, M.D., Advisor F. L. RECTOR, M.D., Secretary M. R. BURNELL, M.D. D. C. Burns, M.D. E. I. CARR, M.D. WILLIAM DEKLEINE, M.D. S. E. GOULD, M.D. C. K. HASLEY, M.D. L. E. HOLLY, M.D. A. A. HUMPHREY, M.D. C. H. KEENE, M.D. O. W. LOHR, M.D. H. F. MATTSON, M.D. W. D. MAYER, M.D. A. B. McGraw, M.D. H. M. NELSON, M.D. H. M. POLLARD, M.D. H. W. PORTER, M.D. H. R. PRENTICE, M.D. W. W. SAWYER, M.D. B. F. Sowers, M.D. H. J. VANDENBERG, M.D. H. L. WEITZ, M.D. BERNIE LUCK, D.D.S.

ANNUAL REPORT OF CHILD WELFARE **COMMITTEE**, 1946-47

on,

ee,

ing

ker ak-

S.

lic

Di-

th.

n-

3.22

to

er

Or of

m

n. d-

n

to

The Child Welfare Committee has had only one formal meeting this year, but the chairman has met informally with small groups many times while attending other

The entire activity of the committee has been devoted to the co-operative study with the American Academy of Pediatrics and the Society for Crippled Children and Disabled Adults. This Study of Child Health Service has been completed in Michigan with a high degree of success. A few statistics will attest to this statement.

80% return of all Michigan State Medical

Society members. 80% return of all Michigan State Dental Society members.

99% return of all pediatricians. 95% return of all health jurisdictions. 80% return of all hospital beds.

This represents a far better than average return.

The coming year the committee with others will be charged with processing the data accumulated in the study and publicizing the findings. To this end the Society for Crippled Children and Disabled Adults already has underwritten the estimated cost of publication of this material.

Respectfully submitted,

FRANK VANSCHOICK, M.D., Chairman R. M. KEMPTON, M.D., Vice Chairman Moses Cooperstock, M.D. CARLETON DEAN, M.D. CAMPBELL HARVEY, M.D. A. M. HILL, M.D. J. L. LAW, M.D. A. L. RICHARDSON, M.D. L. P. SONDA, M.D. KENNETH WELLS, M.D.

ANNUAL REPORT OF COMMITTEE ON VENEREAL DISEASE CONTROL—1946-47

Five regular meetings and a special meeting of the Venereal Disease Control Committee were held during the past year. A special meeting was held with repre-sentatives of the Michigan Society of Pathologists at the Book-Cadillac Hotel on Wednesday evening, March

At the first meeting October 27, 1946, means of improving contact-finding in cases of infectious venereal disease were discussed. A subcommittee was appointed to study and report on the Mississippi plan of "self interstudy and report on the Mississippi plan of "self interview." The status of special dispensation for marriage certification was discussed and a subcommittee appointed to draw up new regulations. Dr. G. D. Cummings reported on the status of complement fixation and quanti-tative Kahn tests. He hoped to make them available, at least on request.

At the meeting of December 15, 1946, the problem of contact finding was further discussed. It was hoped that a special study of the Mississippi "self interview" plan might be tried in Ingham County. It was suggested that the problem of case finding in infectious venereal disease be called to the county medical society's attention through the Secretary's Letter.

At the meeting of January 26, 1947, the report of the subcommittee on requirements for special dispensation was reviewed, discussed and approved. These requirements along with reprints of the committee's articles on "Serologic Interpretation" and "Use of Penicillin in Syphilis" were to be mailed to each physician cillin in Syphilis" were to be mailed to each physician through the Michigan Health Department. The subcommittee on reporting of laboratory evidence of venereal disease by private laboratories reported recommendations. At the joint meeting with the Michigan Society of Pathologists held in Detroit, March 5, 1947, the problem of private laboratories was discussed, reporting at some length. The general attitude was favorable to such reporting. However, since only three pathologists were present, Dr. Breakey and Dr. Stiles were appointed by the Chair to attend the next meeting of the Society of Michigan Pathologists to be held in Saginaw, May 31,

At the last meeting of the committee held May 18, 1947, Dr. H. H. Cummings was present. The main items for discussion were medical and lay educational programs in venereal disease. Revival of metal posters for toilets, radio programs and the activity of the Public Relations Committee on sex education records for use in high schools was discussed. The recommendation that a one-day program be held for education of physicians in the modern diagnosis and treatment of venereal disease was unanimously approved.

A meeting is to be held in Muskegon on Saturday, July 26, 1947, with the committee members as the guests of Dr. Ray H. Holmes.

Respectfully submitted, L. W. SHAFFER, M.D., Chairman R. S. Breakey, M.D., Vice Chairman K. A. ALCORN, M.D. A. C. CURTIS, M.D. RUTH HERRICK, M.D. M. J. HOLDSWORTH, M.D.
R. H. HOLMES, M.D.
H. L. KEIM, M.D.
E. S. PARMENTER, M.D.
FRANK STILES, M.D.

ANNUAL REPORT OF MENTAL HYGIENE COMMITTEE, 1946-47

The Committee has taken very seriously its duties and responsibilities and has held a number of well-attended meetings.

The present-day emphasis on psychiatry has been of deep concern to the Committee. We feel that in this deep concern to the Committee. We feel that in this present era the pendulum has swung too far away from the center of resourceful human personalities. Too much faith has been put into academic solutions, at times of bizarre pattern. Too little stress has been placed on the affirmative approach that has as its goal the development within the individual of abilities to face realities and to develop a plan of living and an objective in life. objective in life.

Your Committee has been concerned with the tendency of what might be classed as charlatanry. It has frequently come to our attention that individuals are taking advantage of the present-day misunderstanding of psychiatry and commercializing it, individuals who are neither adequately medically trained or, even worse, have not the properly adjusted type of personality to help those who need emotional guidance and direction. The medical practice act in our state has no screening capacity for eliminating those unfit to treat "the person in the body."

The Committee formulated a list of facts regarding mental health that it was felt desirable to make in order that the position of the Michigan State Medical Society in this field might be established.

These statements were approved by the Executive Committee of MSMS and as such stand as a record of the Society's position.

During the year THE JOURNAL has published under the sponsorship of this Committee and under the caption "STOP—LOOW—LISTEN" several columns of pithy statements. The purpose was to emphasize psychiatric facts of importance to the whole profession. Space does not allow repetition of these statements except to emphasize the caption: "STOP telling the patient there

is nothing wrong with him—go home and forget it." "LOOK for the facts as the patient sees them." "LISTEN attentively and patiently to the patient's story."

During the year your Committee took active part in

such legislation as concerned Mental Health subjects.

The Committee approved the establishment of a section on neuropsychiatry by the State Society, and by this action automatically recommends the same to the House of Delegates for approval at this meeting.

The Committee would like to emphasize an action taken by it and approved by the Executive Committee, to wit: that all general hospitals of over 200 bed capacity should have a division for psychosomatic and early potential psychiatric cases adequately staffed and equipped—again and again calling attention to the importance of early diagnosis and treatment.

During the year the Committee approved, and the Executive Committee of MSMS endorsed, the summary of Michigan's mental health needs as outlined by Charles A. Zeller, M.D., State Director of Mental Health.

Your Committee requested space at the annual meeting where an advisory clinic could be established, to which physicians remote from psychiatric aid might bring their problems regarding patients who were making poor adjustments or, if desirable, might bring medically indigent patients for evaluation and advice. The Executive Committee, while approving the idea, did not see fit to allocate the space.

You will note that the Committee, in its modesty, has not tried to lay out a world-wide program to solve the emotional and political ills of this mundane sphere. However, it believes that a better understanding of human behavior and social relations, as understood by psychiatrists, can make a worth-while contribution to our hoped-for goals.

Respectfully submitted,

H. A. LUCE, M.D., Chairman R. G. BRAIN, M.D. F. P. CURRIER, M.D. M. H. HOFFMANN, M.D. R. A. MORTER, M.D. R. W. WAGGONER, M.D. O. R. YODER, M.D.

ANNUAL REPORT OF COMMITTEE ON IODIZED SALT—1946-47

The committee held one formal meeting on January 24, 1947, at the Wayne County Medical Society Building. At this meeting a report of the National Study Committee on endemic goiter was made. A pamphlet distributed by the Michigan State College entitled "Are You Using Iodized Salt?" was discussed. The results of a 1943 survey of the number of thyroid operations in seven Michigan hospitals was given. A motion requesting another survey to determine the incidence of goiter among school children was passed. This would be particularly valuable because of the previous surveys made in the Michigan schools.

Dr. Kimball and several others vitally interested in the iodized salt problems have introduced to the House of Representatives HR No. 2717 relative to the iodization of table salt. The congressional committee is to hear this bill in the near future, and we are to testify before this committee in an attempt to pass this very important bill.

Respectfully submitted,

Roy D. McClure, M.D., Chairman ROY D. MCCLURE, M.D.,
B. E. BRUSH, M.D.
L. W. GERSTNER, M.D.
D. E. LICHTY, M.D.
R. J. MOEHLIG, M.D.
C. A. PAYNE, M.D.
L. E. SHOWALTER, M.D.
H. A. TOWSLEY, M.D.

ANNUAL REPORT OF COMMITTEE ON HEART AND DEGENERATIVE DISEASES—1946-47

Two meetings of the Heart and Degenerative Diseases Committee were held during the past year. Since rheumatic fever activities had graduated to a separate committee, it was felt that a new subject for study should be adopted.

The consensus of opinion of committee members was that hypertension in its various aspects would furnish its major project, and it was planned to assign to each member some particular facet for future development into a comprehensive discussion on that phase of the question, This series of reports might later be incorporated into a brochure for distribution to the profession, and possibly utilized as a fulcrum for a program of public education.

The chairman recommends that, since this a fairly long-time project, the personnel of the committee suffer no drastic changes over the next few years.

Respectfully submitted,

R. M. McKean, M.D., Chairman C. B. Beeman, M.D. D. R. Boyd, M.D. J. R. Brink, M.D. B. B. Bushong, M.D. M. S. CHAMBERS, M.D. F. P. CURRIER, M.D. R. A. Johnson, M.D. F. D. Johnston, M.D MARK MARSHALL, M.D. E. D. SPALDING, M.D. A. E. VOGELIN, M.D.

den bei

osit

Ma

hee

use

nov

of

hou

ing

diti

of

of

Tr

Ar

Hu

de

an

no

the

ad

Th

tin

th fe fe

ha

cc

th

ANNUAL REPORT OF ETHICS COMMITTEE—1946-47

Your Ethics Committee begs to report that it has had nothing to do during the past year.

This denotes a very healthy condition of affairs and is

evidence of harmony within the profession.

Respectfully submitted,

G. B. Hoops, M.D., Chairman A. J. Baker, M.D. L. O. Geib, M.D. L. C. HARVIE, M.D. M. M. MARRIN, M.D. (deceased) E. T. MORDEN, M.D. D. R. SMITH, M.D. LEMOYNE SNYDER, M.D.

ANNUAL REPORT OF COMMITTEE ON NURSES' TRAINING SCHOOLS, 1946-47

A complete report is not available, as contacts are yet to be made with the Board of Registration of Nursing and the Michigan State Nursing Association. A supplemental report will be made from the floor at the meeting of the House of Delegates upon completion of these matters. We are arranging for a meeting of the officers of both nursing groups to meet with the Nursing Committee of the Michigan State Medical Society.

Respectfully submitted,

C. G. CLIPPERT, M.D., Chairman W. D. BARRETT, M. D. R. L. HAAS, M.D. E. A. OAKES, M.D. W. J. SMITH, M.D. D. W. J. SMITH, M.D. D. W. J. FHORUP, M.D.

ANNUAL REPORT OF BEAUMONT MEMORIAL COMMITTEE—1946-47

In the report of last year, the Chairman recommended that the Committee be retired. However, there have been some new developments this year and if the President and The Council wish to have the Committee in being, it might still have a function.

The Early House was purchased through the generosity of Parke-Davis and Company and presented to the Mackinac Island State Park Commission. There has been a good deal of discussion concerning the proper use to which this house could be put. Professor Lorch, now Professor Emeritus of the School of Architecture of the University of Michigan, has been interested in this house from an historical viewpoint and he has been making a determined search to find out all the facts concerning the original construction and the subsequent additions made to this house.

n-)e

ts

n.

a ly

n

As yet he has not been able to get the original plans of the house as it existed at the time of the wounding of Alexis St. Martin. The files of the American Fur Trading Company, The Astor estate and the Canadian Archives have been searched, and at the present time we are in communication with the central offices of the Hudson Bay Fur Trading Company in London. It is definitely established that this house has been rebuilt and added to on several occasions but the final story is not yet clear.

Because of this activity and in view of the fact that the Park Commission will, we are sure, be glad to have advice from the State Medical Society, we suggest to The Council and President that our Committee be continued or another one appointed so that consultation from the State Society can be available to the Park Commission and to the hostorians now studying the problem.

Respectfully submitted,

F. A. COLLER, M.D., Chairman
A. W. McDonald, M.D., Vice Chairman
F. C. Kidner, M.D.
A. W. Lescohier, M.D.

H. C. MAYNE, M.D.

ANNUAL REPORT OF COMMITTEE ON RHEUMATIC FEVER CONTROL—1946-47

The Committee on Rheumatic Fever Control held six meetings during the past year. The diagnostic groups in the various areas of the state examined 397 children referred to them and established the diagnosis of rheumatic fever in 150. These cases were drawn from about one-half the population of the state since several populous counties had not yet been activated. The number of centers is being increased by five since last year, and these centers are being established at Muskegon, Battle Creek, Saginaw, Pontiac, and Port Huron.

Financial support of the diagnostic centers has been adequate due to the magnificent gift of \$15,000 from the Michigan Society for Crippled Children and Disabled This fund has been renewed for the coming

A national women's fraternity alumni association, Alpha Phi, has asked to co-operate with us in any possible way they may help in the work.

At a recent meeting of the committee with representatives from the fraternity, their organization was cut-lined, and the suggested methods, by which assistance can be given, were as follows:

(a) It was suggested that some centers, such as Traverse City, which covers a wide area, could use assistance in providing transportation to and from the center for patients to be examined.

(b) Some centers might be able to use secretarial and other assistance in providing the secretarial and other assistance.

other assistance in preparing the patients for examination on examination day, possibly requiring three or four

hours weekly for one or two persons.

(c) Qualified individuals would be welcomed to assist the public health nurses in follow-up of cases under the direction of the diagnostic group.

(d) There is a great need for summer camp convalescent facilities for children recovering from rheumatic fever. Competent medical guidance by physicians

and nurses and play-ground supervisors should be pro-

(e) It was also suggested that some individuals who are classified as indigent find it difficult, or impossible, to finance the laboratory examination fees. Possibly the Alpha Phi Fraternity Alumni Groups might be able to provide facilities for the cost involved with reference to the diagnosis of rheumatic fever in this income group.

(f) Another important service the Fraternity might render is that of helping to spread accurate information concerning rheumatic fever with especial reference to its widespread prevalence, the need for early recognition and treatment and co-operation in the rheumatic fever pro-

The educational activities of the lay groups can be

greatly augmented.

This affiliation with the volunteer workers through the state will be a great assistance to the local diagnostic

It is hoped that within the next year the entire state will be activated in a state-wide program, by which any physician may share the responsibility of diagnosing rheumatic fever and rheumatic heart disease with a

diagnostic group in his locality.

We are continuing a policy of avoiding dramatization of the disease and, if possible, false or insecure diagnosis.

Respectfully submitted,

H. H. RIECKER, M.D., Chairman W. B. BLOEMENDAL, M.D. N. E. CLARKE, M.D. CARLETON DEAN, M.D. DOUGLAS DONALD, M.D. L. FERNALD FOSTER, M.D. L. PAUL RALPH, M.D. FRANK VANSCHOICK, M.D. J. L. WILSON, M.D. MR. P. C. ANGOVE

ANNUAL REPORT OF PROFESSIONAL LIAISON COMMITTEE—1946-47

The Professional Liaison Committee had no meeting during 1946-47, as no matters or problems within the purview of this committee's activities were referred to it.

Respectfully submitted,

W. D. MAYER, M.D., Chairman C. E. LEMMON, M.D. H. B. ZEMMER, M.D.

ANNUAL REPORT OF COMMITTEE ON INFECTIOUS DIARRHEA, 1946-47

During the past year two meetings of the entire committee were held in addition to several conferences between the chairman and representatives of the State Health Department. Reference was made to the work of the committee in an editorial appearing in the February issue of the MSMS JOURNAL.

The frequent occurrence throughout the country of epidemics of diarrhea of the newborn calls attention to the seriousness of the situation. No hospital should consider itself immune merely because of a good past record. The great increase in the percentage of hospital deliveries calls for improved hospital facilities and technique if epidemics are to be prevented.

The presence of pediatricians, obstetricians and State Laboratory representatives on the committee provides proper balance. Some progress has been made but much remains to be done.

Respectfully submitted,

R. M. KEMPTON, M.D., Chairman CAMPBELL HARVEY, M.D. HAROLD HENDERSON, M.D. W. F. SEELEY, M.D. G. D. CUMMINGS, M.D.

ANNUAL REPORT OF SPECIAL COMMITTEE ON UNIFORM FEE SCHEDULE FOR **GOVERNMENTAL AGENCIES—1946-47**

This Committee was enlarged to ten members so as to permit it to handle more intelligently some of the problems of revision that have been presented.

The entire fee schedule was reviewed in light of the local conditions presented by the State of Michigan and the National problem particularly with reference to the Veterans Fee Schedule. Contacts were made with and discussions were held with various state agencies in an attempt to iron out specific difficulties that had occurred.

All the county societies were contacted with special reference to the mileage fee. Discussions with the Veterans Administration in Washington were held.

Reports of the committee were transmitted to The Council and it is expected that a revised fee schedule will be printed in the near future.

Respectfully submitted,

R. L. Novy, M.D., Chairman Frank VanSchoick, M.D. A. B. SMITH, M.D. E. R. WITWER, M.D. C. E. TOSHACH, M.D.
ARCH WALLS, M.D.
E. C. TEXTER, M.D.
E. C. BAUMGARTEN, M.D. R. V. WALKER, M.D. W. E. JOHNSTON, M.D.

ANNUAL REPORT OF COMMITTEE ON STATE VETERANS AFFAIRS—1946-47

As there was no business brought before this committee, no committee meetings were held.

Respectfully submitted,

L. E. Sevey, M.D., Chairman
G. C. Penberthy, M.D., Vice Chairman
W. W. Babcock, M.D.
C. W. Brainard, M.D.
O. A. Brines, M.D.
WM. Bromme, M.D.
W. C. C. Cole, M.D.
W. W. Ellet, M.D.
H. B. Fenech, M.D.
James Fyvie, M.D.
I. V. Fopeano, M.D. J. V. FOPEANO, M.D. R. F. HAUGE, M.D. S. W. HARTWELL, M.D. J. E. Ludwick, M.D. K. S. McIntyre, M.D. H. C. Mitchell, M.D. MITCHELL, W. E. NESBITT, M.D. I. OWEN, M.D. F. H. Power, M.D. C. W. Reutter, M.D. Paul Schrier, M.D. J. M. Sheldon, M.D. R. W. TEED, M.D. J. M. WELLMAN, M.D. STUART YNTEMA, M.D.

ANNUAL REPORT OF COMMITTEE ON MICHIGAN HIGH SCHOOL ATHLETIC ACCIDENT BENEFIT FUND—1946-47

The committee appointed to act as liaison between the Michigan State Medical Society and the Michigan High School Athletic Accident Benefit Fund under the Department of Education had two meetings during the year. The background of the formation of this plan and its present activities in detail have been presented to the members of the Society in the April issue of The Journal. This report was made at the request of the committee in order that there would be a better understanding between the Athletic Benefit Plan and the medical profession. The officers of the plan have under consideration the adoption of the uniform fee schedule of the State Medical Society, but final action has not been taken.

It is recommended that county medical societies be stimulated to hold meetings on the subject of the High School Athletic Benefit Plan and invite the coaches or athletic directors to present the subject at their meetings, especially in the larger communities. The committee feels that this action can be done on a local scale to a better advantage than recommending that uniform procedures be followed in a county.

The Ingham County Medical Society has already set up a plan for medical attention to high school athletes in conjunction with the Benefit Plan and it is the feeling of the Ingham County Society that such care is a com-

munity responsibility.

Respectfully submitted,

S. W. Donaldson, M.D., Chairman L. Fernald Foster, M.D. E. R. Witwer, M.D.

ANNUAL REPORT OF COMMITTEE ON NATIONAL EMERGENCY MEDICAL SERVICE—1946-47

The Committee on National Emergency Medical Service was appointed for the year 1946-47 with instruction to "stand by," awaiting submission of such matter as should properly come before it for consideration. Since no such matter has been presented to the committee or to its chairman, no meetings have been held.

Respectfully submitted,

H. F. BECKER, M.D., Chairman W. H. GORDON, M.D. R. F. HAGUE, M.D. J. A. RAMSEY, M.D. S. W. HARTWELL, M.D. W. G. ELLET, M.D. W. H. ALEXENDER, M.D.

Nor

St.

Am

Ar

ANNUAL REPORT OF SPECIAL COMMITTEE TO MEET WITH CONGRESSMAN ENGEL—1946-47

On February 14, 1947, Drs. L. Fernald Foster, C. E. Umphrey, and W. H. Huron, as representatives of the Michigan State Medical Society, attended a dinner in Washington given in honor of Michigan's Congressional delegation. Our delegation performed an outstanding public relations effort in their subsequent contacts with not only Congressman Engel, but with all of our Michigan legislators. An understanding of the difficulties and problems facing our law makers and knowledge regarding proper techniques in making contacts was obtained. ing proper techniques in making contacts was obtained. This will prove of great benefit to the Michigan State Medical Society.

Respectfully submitted,

E. F. SLADEK, M.D., Chairman O. D. STRYKER, M.D. R. S. MORRISH, M.D. P. L. LEDWIDGE, M.D. L. FERNALD FOSTER, M.D.

ANNUAL REPORT OF INDUSTRIAL STUDY COMMITTEE—1946-47

No meetings of the Industrial Study Committee were held during the year.

The present chairman recommends that this committee be continued since there are a number of questions of importance which might well be studied and worked over at the appropriate time.

Respectfully submitted,

S. W. INSLEY, M.D., Chairman T. K. Gruber, M.D. H. B. Fenech, M.D. L. W. Hull, M.D.

Technical Exhibits

Abbott Laboratories North Chicago, Illinois

Booth No. C-5

You are most heartily invited to visit the display pre-pared for this meeting. Abbott Professional Service Representatives will be glad to discuss with you the wide variety of pharmaceutical specialties on display. So! Be sure to visit the Abbott booth.

A. S. Aloe Company St. Louis, Missouri

Booth No. A-10

The Michigan representatives of the A. S. Aloe Company will welcome their friends at Booth No. A-10 where they will have on display a representative cross section of our complete line of Surgical, Hospital, and Laboratory equipment and supplies. Featured will be a complete line of government surplus instruments available at the present time—especially selected, fully certified instruments at approximately one half the regular cost.

Ames Company, Inc. Elkhart, Indiana

Booth No. D-6



Clinitest is a tablet method for the detection of urine-sugar. It is a copper-reduction test which develops its own heat within the test tube.

Ames representatives will be glad to discuss the therapeutic indications of the Ames Bile Acid Products, Decholin, Degalol and Cholmodin, with attending physicians.

Armour & Company Chicago, Illinois

Booth No. B-1

The Armour Laboratories cordially invite members of the Michigan State Medical Society to visit the Armour display in Booth No. B-1. The Armour booklet on "The Thyroid Gland and Clinical Application of Medicinal Thyroid," may be obtained at the Armour booth by those members who have not already received their copies.

Ayerst, McKenna & Harrison, Ltd. New York, New York Booth No. E-10

Ayerst products displayed at the Michigan State Med-

ical Annual Session will be:
"Premarin"—an orally active potent preparation of naturally occurring, water-soluble, conjugated estrogens containing sodium estrone sulfate as one of

"Enziflur"—a fluorine-bearing preparation containing vitamins C and D, recommended as an aid in inhibiting dental caries.

Baker Laboratories Cleveland, Ohio

Booth No. B-4

The Baker display is built around the six-step approach to optimum infant nutrition which leads to the picture of the happy mother and the healthy child. An adjusted protein, two carbohydrates, a modified fat, vitamins, soluble mineral salts and iron, coupled with simplicity of preparation and low cost, provide for complete nutrition and insure co-operation in the home. Baker's Modified Milk, liquid or powder, may be used interchangeably from birth to the end of the bottle-feeding period. May we discuss your infant feeding problem with you?

Bard-Parker Company, Inc. Danbury, Connecticut

Booth No. C-18

Bard-Parker Rib-Back surgical blades; surgical knife handles; long knife handles for deep surgery; Bard-Parker Formaldehyde Germicide; sterilizing containers; transfer forceps; hematological cases for obtaining bedside blood samples; and a new product, Chlorophenyl, a disinfectant.

Barry Laboratories, Inc. Detroit, Michigan

Booth No. D-5

Representatives of the Barry Laboratories, Inc., will be on hand to discuss and determine the correct selection of allergens for any physician's individual practice. Custom-made or Rx. desensitization treatment materials which make it possible for the general practitioner and others in specialties to treat as the patient's individual condition directs, as indicated by skin test reactions and history will be demonstrated. The Biological Division will exhibit the latest sterile injectable solutions in ampules and multiple dose vials which are of current interest to the medical profession.

Becton, Dickinson & Company Rutherford, New Jersey

Booth No. D-12

In Booth No. D-12, Becton, Dickinson & Company will have on display a full line of hypodermic equipment, including some new outfits designed for use in administering continuous caudal and continuous spinal analgesia. The use of vacutainer equipment in a new method of taking blood samples will be demonstrated by their representatives, Mr. V. R. Littlefield and Mr. T. Starling. The exhibit will feature a full line of Ace Bandages, clinical thermometers, B-D Manometers and other diagnostic instruments.

The Borden Company New York, New York

Booth No. B-18

Protolac, a new especially formulated blend of intact proteins and high protein products derived from animal and vegetable sources is on exhibit at Booth No. B-18. Protolac is supplemented with choline and the amino acid cystine. Protolac is indicated in high protein therapy in conditions requiring increased die-tary protein of optimum nutritional value.

Likewise exhibited will be our long established prod-ucts for infant feeding: Biolac, Dryco, Mull-Soy, Merrell-Soule Special Milks, general purpose Klim, and Beta Lactose.

Brewer & Company, Inc. Worcester, Massachusetts

Booth No. E-12



This exhibit consists of specialties, centering around Thesodate, the original enteric-coated tablet of bromine Sodium Acetate, and Luas-min, a combination of Theophylline Sodium Acetate, Phenobarbital and Sodium Acetate, Phenobarbital and Ephedrine for the treatment of asthma. Also, Brewer Capsules and Ampuls, other specialties and standard pharmaceuticals manufactured by Brewer & Company, Inc., including a complete line of Vitamin preparations for internal use and injection. Gel-ets, the newest mode in oral vitamin therapy, are also featured. min therapy, are also featured.

Brooks Appliance Company Chicago, Illinois

Booth No. D-15

The Brooks Appliance Company will display a com-plete line of Bandages, First Aid Dressings, procto-logical Instruments, Needles, Syringes and the newest In Elastic Hosiery.

Mr. W. C Ayer, Brooks representative, will have charge

and will describe in detail the technique of applying the new Combination Pressure Bandages, Contura plus Pressoplast, which are used in treating of phlebitis and varicose ulcers.

Burroughs Wellcome & Co. (U.S.A.) Inc. Booth No. C-2 New York, New York

Burroughs Wellcome & Co., New York, cordially invite physicians to their exhibit of a representative group of fine pharmaceuticals and chemicals. Of particular interest are Nutragest, the palatable dietary compound containing the amino acids, important minerals, vitamins and carbohydrates; Digoxin, a pure, stable, crystalline glycoside of Digitalis lanata, combining uniform potency with rapidity of action; Wellcome Benzyl Benboate Emulson, the 24-hour treatment for scabies and pediculosis capita; and LUBA-FAX brand Surgical Lubricant.

Camel Cigarettes New York, New York

Booth No. A-11

Camel Cigarettes will present a dramatic full color review of their recent medical research on smoking, as well as the details of the nationwide survey showing that "More Doctors Smoke Camels Than Any Other Cigarette." Another panel will illustrate the absorption of nicotine in the respiratory tract. Representatives will be present.

Cameron Heartometer Company Booth No. **Q**-22 Chicago, Illinois

See the improved Heartometer, a scientific precision instrument for accurately recording systolic and diastolic blood pressures, also furnishing a permanent graphic record of the pulse rate, disturbances of the rhythm, myocardial response, the action of the valves, as well as peripheral vascular circulation. The Heartometer clearly reveals heart disturbances in both early and advanced stages, and is of great value in checking the progress of medication and treatments.

Cameron Surgical Specialty Company Booth No. D-21 Chicago, Illinois

See the new Cameron Electro-Surgical Units, Coagulair-Sigmoidoscope, Electro-Diagnostosets, Flexible Gastroscopes, Bronchoscopes — Esophagoscopes — Laryngoscopes, Mirrolite, Binocular Spectacle Loupe, Magniscope and other specialties.

Carnation Company Oconomowoc, Wisconsin

Booth No. A-3

You are invited to visit the Carnation Company Booth No. A-3, where you will see an attractive display presenting some interesting information on the various uses of Carnation Vitamin D Evaporated Milk for infant feeding, child feeding, and general diet purposes. The method by which Carnation Milk is generously fortified with Vitamin D—400 U.S.P. Units per reconstituted quart—will be explained. Valuable literature will also be available for distribution.

Ciba Pharmaceutical Products, Inc. Booth No. E-7 Summit, New Jersey

Ciba Pharmaceutical Products, Inc., Summit, New Jersey (Booth No. E-7) cordially invite you to visit their exhibit for latest information on Pyribenzamine, the new anti-histaminic compound; Privine, a long-acting nasal vasoconstrictor; Metandren, the potent androgen for sublingual absorption and many others. Representatives in attendance will be ready to answer your questions.

Coca-Cola Company Atlanta, Georgia

Booth No. A-16

the wi

fac

pa

us Fu

tu

ra

The

Grai

T

to

m

Coca-Cola will be served through the joint courtesy of Coca-Cola Bottling Company of Grand Rapids and The Coca-Cola Company.

Davis & Geck, Inc. Brooklyn, New York

Booth No. A-8 plus Cinema Room



Davis & Geck, Inc., will display a comprehensive line of sutures specially prepared to fulfill the needs of every surgical technique. Special sutures for intestinal, eye, skin,

tension, thyroid, plastic and thoracic surgery are in-

The D&G Surgical Film Library will present pictures prepared in collaboration with eminent surgical authorities on subjects of interest to those attending the meeting.

Davis & Geck will be represented by Messrs. Fred A. Geck and Merle Elliott.

DePuy Manufacturing Company Booth No. E-20 Warsaw, Indiana

DePuy will exhibit in Booth E-20 fracture appliances such as the well known dependable Lorenzo Bone Set, the new DePuy Bone Drill and the Can't Drop Screw Driver Set, which holds the bone screws completely around the head. Many other items of interest will be on display. Our booth will be conducted and supervised by Mr. C. F. Klingel, who will be amply able to answer any of your questions. He is a veteran in the field and will handle all of your problems with courtesy and intelligence.

Detroit Creamery Company Detroit, Michigan

Booth No. D-10



Don't overlook the advantages of Sealtest Quality controls—and our own scientific Sealtest Laboratory supervision. They safeguard the purity and delicious flavor of Sealtest Milk and Ice Cream.

Detroit X-Ray Sales Company Detroit, Michigan

Booth No. E-17



The Detroit X-Ray Sales Company again features the latest designs in Shockproof X-Ray Equipment. They extend a cordial invitation to visit this exhibit. Of particular interest will be the showing of the latest developments in Photo-Fluorographic Units for hospital admission chest x-rays.

Doho Chemical Corporation New York, New York

Booth No. C-7

The makers of Auralgan are introducing at this meeting, their sulfa drug preparation O-Tos-Mo-San, indicated in the treatment and control of chronic suppurative ears.

The Doho representatives will be happy to explain, in detail, the workings of these medications. Also to distribute the latest series of three (3) Anatomico-Pathologic Charts of the Ear, in color, suitable for framing.

Eaton Laboratories, Inc. Norwich, New York

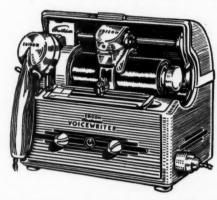
Booth Nos. E-13, E-15

Eaton Laboratories, Inc. will exhibit several pharmaceutical preparations of interest to the physician. Furacin Soluble Dressing containing a new chemotherapeutic agent, Furacin (brand of nitrofurazone), will be exhibited. This compound is a new anti-bacterial agent for the treatment of wound and surface infections. Clinical evaluation throughout past two and one-half years indicates a wide field of use. Eaton representatives will be pleased to discuss Furacin Soluble Dressing with all physicians. Literature and samples will be available at the Eaton Laboratories, Inc. Exhibit.

The Ediphone Company Grand Rapids, Michigan

Booth No. D-13

The Ediphone Company extends a cordial invitation to visit the display of Ediphone Voicewriting Equip-See the new Edison Electronic Voicewriter



identified by its Ear-Tuned Jewel-Action; also Miracle Models, manufactured by Edison who invented and perfected sound recording. Stop in for demonstration and to learn how we are helping the medical profes-

Ethicon Suture Laboratories New Brunswick, New Jersey

Booth No. C-16

Ethicon Suture Laboratories presents at Booth No. C-16 a complete line of sutures for every surgical procedure. Of greatest interest is Ethicon's New Bonded Catgut, Tru-Gauged and Tru-Chromicized with up to 30 per cent greater strength. Also exhibited are Ethicon's eyeless Atraloc Needles for minimal tissue trauma and Ethicon's Black Braided Silk on spools and in tubes.

H. G. Fischer & Company Chicago, Illinois

Booth No. D-18



Visitors to the 82nd Annual Session of the Michigan State Medical Society are the Michigan State Medical Society are cordially invited to visit the FISCHER Display Booth, to inspect the new units of FISCHER apparatus to be shown, along with the modern trends in shockproof x-ray and electro-surgical-medical equipment construction. FISCHER units of apparatus

are characterized by precision design and convenient, efficient operation. Members of the FISCHER organization will be present at all hours to answer questions and to demonstrate outstanding features of FISCHER equipment and performance. You will be welcome at the FISCHER Booth.

C. B. Fleet Company, Inc. Lynchburg, Virginia

Booth No. C-20

C. B. Fleet Co., Inc. cordially invites you to stop by Booth No. C-20 for a short visit with Mr. James A. Reed, the representative who sees you in your office about once a year. Perhaps there is something about Phospho-Soda (Fleet), the pure, stable, aqueous concentrate of the two U.S.P. Sodium Phosphates, you would like to discuss with him

General Electric X-Ray Corporation Detroit, Michigan

Booth No. A-7

Factual discussions with members of our Michigan sales and service organization during the state meeting will aid you in your future apparatus planning. If you are thinking about new and improved x-ray or electro-medical apparatus, our Layout Engineers can help you with detailed plans and specifications. Possibly an improvement in radiographic end results is indicated. Or you may wish to know how G.E.'s Periodic Inspection and Adjustment Service can help keep your equipment at its maximum operating efficiency.
Why not drop in and avail yourself of our wide experience and know-how?

Gerber Products Company Fremont, Michigan

Booth No. B-10



You are invited to visit Gerber's Baby You are invited to visit Gerber's Baby Foods booth. A qualified nutritionist will be in attendance and will be glad to answer questions on Gerber's Baby Ce-reals, Gerber's Strained Foods and Ger-ber's Chopped Foods. Samples of Barley Cereal, Cereal Food, and Strained Oatmeal will be available.

Otis E. Glidden & Company, Inc. Booth No. E-14 Evanston, Illinois

ZymenoL, a palatable emulsion containing Brewers' Yeast (no live cells) provides effective bowel management, without irritant, habit-forming drugs, dehydrating purgatives, or agents producing artificial bulk. Teaspoonful dosage provides minimum liquid petro-latum intake, not likely to interfere with digestive processes or fat soluble vitamin absorption, and avoids leakage.

ZymenoL and descriptive literature gratis.

Hack Shoe Company Detroit, Michigan

Booth No. E-8

Correct shoes for men, women and children-including doctors and their families. The new Hack Convales-cent Boot, adopted by the Medical Department of the U. S. Army will be on exhibit as well as Hack-O-Pedic Clubfoot and Surgical Shoes.

Hanovia Chemical & Mfg. Company Newark, New Jersey Booth No. C-4

Black light for diagnostic purposes will be a feature of the exhibit. New self-lighting type ultraviolet lamps for body and orificial treatment will be part of the exhibit, as well as new Safe-T-Aire equipment for the destruction of air-borne bacteria. Courteous and competent representatives will be available to greet you.

J. F. Hartz Company Detroit, Michigan

Booth No. B-20

The J. F. Hartz Company again welcomes the opportunity to exhibit at the MSMS Convention.

Hartz representatives Messrs. Anderson, Ferrara, Grand, Kirpluk, MacKinnon, Sawall, and VanHaaften will be on hand to answer any questions relative to Hartz Laboratory Controlled Pharmaceuticals and full line of equipment and instruments.

H. J. Heinz Company Pittsburgh, Pennsylvania

Booth No. D-22

H. J. Heinz Company is displaying Heinz Strained and Senior Foods for infant feeding. Their representatives would appreciate your recommendations regarding these products.

Hoffmann-La Roche, Inc. Nutley, New Jersey

Booth No. C-10

Roche, the makers of "Medicines of Rare Quality" and vitamins by the ton, will exhibit various prescripand vitamins by the ton, will exhibit various prescription specialties, among them Prostigmin, the versatile parasympathetic stimulant; Per-Os-Cillin, the new oral penicillin tablet; Ephynal Acetate, the Roche brand of pure vitamin synthetic vitamin E, and other products of interest to members of the profession. A staff of representatives will be present to greet and render whatever service possible to visitors at the Roche booth.

Holland-Rantos Company, Inc. New York, New York

Booth No. E-2

You are cordially invited to visit the Holland-Rantos Booth where on display will be the nationally known and universally used Koromex contraceptive specialties. and universally used Koromex contraceptive speciaties. Besides the new Koromex Set Complete, which is a package combining the necessary items for complete contraceptive technique, will be the new Nylmerate Jelly, introduced only a short time ago and received enthusiastically for the treatment of trichomoniasis and vaginal discharges of a non-specific origin.

Representatives of the company will be on hand to answer all questions. Samples of Nylmerate Jelly and Koromex Jelly will be available, as will copies of the

new physician's patient instruction chart.

G. A. Ingram Company Detroit, Michigan Booth Nos. C-13, C-15, C-17

The G. A. Ingram Company of Detroit will exhibit a complete line of surgical instruments in both stainless steel and chrome, as well as all available electrical appliances. Their representatives will be more than pleased to have you call and obtain information on both new and old items.

"The 'Junket' Folks" Little Falls, New York

Booth No. D-17

In Booth No. D-17, "The 'Junket' Folks," Chr. Hansen's Laboratory, Inc., enlarged photos illustrate the action of the rennet enzyme in forming softer, finer milk curds. Free literature describes dietary uses of rennet-custards in infant, child, convalescent, or post-operative feeding. Attendants on duty. Complimentary package of "Junket" Rennet Powder and "Junket" Rennet Tablets will be presented to physicians who register.

H. W. Kinney & Sons, Inc. Columbus, Indiana

Booth No. E-1

H. W. Kinney and Sons, Inc. will exhibit Cartose and the Kinney line of nutritional products at Booth No. E-1. Company representatives will be in attendance and will be happy to be of service to any physicians who care to visit at the exhibit.

A. Kuhlman & Company Detroit, Michigan Booth Nos. A-14, A-15

The A. Kuhlman & Co. most cordially invites you to visit the display at Booth Nos. A-14 and A-15. You will find on display Stille Surgical Instruments, Hamilton Medical Furniture, A.C.M.I. Cystoscopes, Short Wave Diathermy (short wave diathermy meets requirements of Federal Communication Commission), and many other items of interest to the Physician and Surgeon.

Lea & Febiger Philadelphia, Pennsylvania Booth No. B-16

At Booth No. B-16, Lea & Febiger will exhibit among their new works and new editions Gifford's Ocular Therapeutics, Schwartz, Tulipan & Peck's Occupa-

tional Diseases of the Skin, Lewin's Foot and Ankle, Goldberger's Unipolar Lead Electrocardiography, Frohman's Brief Psychotherapy, Joslin's Treatment of Diabets, Stimson's Common Contagious Diseases, Bell's Pathology, Quiring's The Extremities and The Head, Neck and Trunk, Cushny's Pharmacology and Therapeutics, Wintrobe's Hematology and other standard works. standard works.

Lederle Laboratories New York, New York Booth No. D-16

Colu

Tol

Me

Co

Gr

Me Ne

Lederle Laboratories will have on display the new Folic Acid products about which there has been so much interest. Among the products to be shown will be Folvite—Lederle's brand of Folic Acid, and Folvron —Folic Acid and Iron, by which both iron-deficiency anemias and macrocytic anemies may be treated.

Libby, McNeill & Libby Chicago, Illinois

Booth No. D-7



Libby's Vitamin D³ Fortified Homogenized Evaporated Milk and Libby's Strained and Homogenized Baby Foods are featured at the Libby Booth. Physicians are invited to stop and discuss new findings on the greater availability of iron and ease of digestion of Libby's Council-accepted foods for babies.

Liebel-Flarsheim Company Cincinnati, Ohio

Booth No. C-8

The Liebel-Flarsheim Company cordially invites you to stop at Booth No. C-8 for examination and demonstration of the Model SW-227 Frequency-Controlled Shortwave Diathermy Unit, as well as our Bovie electrosurgical apparatus. Capable representatives will be on hand at all times to answer your questions about our physical-therapy and electrosurgical equipment gical equipment.

Eli Lilly & Company Indianapolis, Indiana

Booth No. B-8

The Lilly exhibit this year features an interesting presentation on the heart and a discussion on cardiac drugs. Many Lilly products are to be on display; representative literature will be available. The attending Lilly medical service representatives will be pleased to assist visiting physicians whenever possible.

J. B. Lippincott Company Philadelphia, Pennsylvania

Booth A-13

J. B. Lippincott Company, Philadelphia, Pa., presents a complete line of Lippincott Selected Professional Books and Journals.

Be sure to see the current issue of American Practitioner—the monthly medical journal designed to shorten the lag between experiment and practice.

Titles of new books and new editions include: Dermatology and Syphilology, Signs and Symptoms—Their Clinical Interpretation, Diagnosis in Daily Practice, Dishetic Core in Pictures Cardiovescular Dishetics. tice, Diabetic Care in Pictures, Cardiovascular Diseases, Color Atlas of Hematology, Essentials of Endocrinology, Diseases of the Nose and Throat, Uterine Contractility in Pregnancy.

Medical Gas Division of Liquid Carbonic Corporation Chicago, Illinois

Booth No. D-9

The Liquid Carbonic Corporation will exhibit its complete line of Anesthesia, Therapeutic and Resuscitating Gases, as well as Oxygen Therapy equipment in Booth No. D-9. M & R Dietetic Laboratories, Inc. Columbus, Ohio

Booth No. E-3

Medical Protective Company Fort Wayne, Indiana

Booth No. B-2

M & R Dietetic Laboratories, Inc., Booth No. E-3, will display Similac, a food for infants deprived either partially or entirely of breast milk. Messrs. R. E. Davis, F. H. Behnete, and L. A. MacDonald will appreciate the opportunity to discuss the merit and suggested application for both the normal and special feeding cases.

McKesson Appliance Company Toledo, Ohio

Booth No. D-14

Mead Johnson & Company Booth Nos. A-4, A-5 Evansville, Indiana

Servamus Fidem means "We are keeping the faith." Almost every physician thinks of Mead Johnson & Company as the maker of Dextri-Maltose, Pablum, Oleum Percomorphum, and other infant diet materials -including the new pre-cooked oatmeal cereal, Pabena. But not all physicians are aware of the many helpful services this progressive Company offers physicians. A visit to Booth Nos. A-4 and A-5 will be time well spent.

Medical Arts Surgical Supply Booth Nos. C-1, C-3 Company Grand Rapids, Michigan

The Medical Arts Surgical Supply of Grand Rapids again will occupy Booth Nos. C-1 and C-3. Their six salesmen from all parts of Michigan will be there to greet you and to show you medical furniture, short waves, x-ray, diagnostic equipment, surgical instruments and pharmaceuticals.

The exhibit will feature equipment of the latest type that will aid you in your daily practice.

Medical Case History Bureau New York, New York Booth No. C-19

Simplifying the doctor's history record and book-keeping system with the Info-Dex Record Control Maintenance of accurate, informative data on both history and financial records is essential in the modern doctor's practice. The Info-Dex Record Control System helps to keep a constant finger on the physical and financial pulse of the patient. This system correlates information almost automatically for instant reference and research work. Its method of cross-indexing interesting cases according to the disease is unique and exclusive. The Medical Case History Bureau has specialized for many years in record forms for the doctor's office. Their well-informed representative will gladly demonstrate the Info-Dex System and discuss your office problems.

Medical Film Guild New York, New York Booth No. A-6 plus Cinema Room

Medical Film Guild through "Medical Films That Teach" presents a refresher course in fundamental medical problems. The films review such subjects as Parkinson's disease, major neuralgias, cervicitis, oto-laryngological diseases, contagious diseases, arterial blood pressure, hypothyroidism, industrial medicine. These are available to medical institutions, including projection service at no charge, through grants for postgraduate instruction.

The most exacting requirements of adequate liability protection are those of the professional liability field. The Medical Protective Company, Specialists in providing protection for professional men, invites you to confer, at their exhibit, with the representatives there. They are thoroughly trained in professional liability underwriting.

Merck & Company, Inc. Rahway, New Jersey

Booth No. D-11

Since the discovery of Penicillin important strides have been made in the virtually unlimited field of anti-biotic chemistry. With increased knowledge concerning Penicillin, it is known that there are at least four individual forms, namely Penicillin G, F, K, and X. It is the G form that is of most importance in medicine today, and it is this form, in high purity and without the presence of the F, K, and X entities, that is sup-plied as Crystalline Penicillin G Sodium Merck.

Streptomycin, now also well known by the medical profession for its established value in the treatment of certain diseases, as well as its potential value in others, is the result of a research program brilliantly conceived and methodically carried through to a successful conclusion. Merck production of Streptomycin has been steadily increased so that adequate supplies are available for medical needs.

Antibiotics have been chosen by Merck for their MSMS display. Chemical, pharmacological, and medical information is given.

Other fields, medical and nutritional, in which The Merck Research Laboratories are vitally interested, include the Amino Acids, the Vitamins, the Sulfonamides, Choline derivatives, and Anesthetic Agents.

Wm. S. Merrell Company Cincinnati, Ohio

Booth No. A-2



The Wm. S. Merrell Company, Cincinnati (Booth No. A-2) will feature the new Amino-Concemin.

This more complete nutrient tonic designed to speed convalescence, contains the established B vitamins, the whole B complex from liver, rice bran and yeast, iron and 15 per cent protein hydrolysate. Its rich winey flavor represents an unusual taste accomplishment in a preparation containing liver in the properties of the containing liver in the properties of the containing liver in the c ment in a preparation containing liver, iron and amino acids.

Michigan Medical Service Detroit, Michigan

Booth No. B-5

Largest voluntary prepayment medical-surgical plan in the United States. Charts of progress for past year and from inception to date: (a) Assets and Liabilities; and from inception to date: (a) Assets and Liabilities;
(b) Percentage income paid for administrative costs;
(c) Paid Doctors for services rendered; (d) Number services rendered; (e) Incidence of service per year for 1,000 subscribers; (f) Cost per case and cases per 1,000 subscribers; (g) Growth in subscribers and services rendered; (h) Number of cases—Veterans program.

C. V. Mosby Company St. Louis, Missouri

Booth No. B-6

Physicians attending the Michigan State Medical Society Convention are cordially invited to visit Booth

TECHNICAL EXHIBITS

No. B-6, where a wealth of new medical literature will be displayed by the C. V. Mosby Company.

will be displayed by the C. V. Mosby Company.

New books to be shown will include Ackerman-Regato "Cancer," Treiger "Atlas of Cardiovascular Diseases," Clendening-Hashinger "Methods of Diagnosis," Eve "Handbook on Fractures," Wiener "Skin Manifestations of Internal Disorders," Scobee "The Oculorotary Muscles," and Johnstone "Occupational Medicine and Industrial Hygiene." New editions on display will include Top "Communicable Diseases," Crossen "Operative Gynecology," Watson "Hernia," Jeans-Marriott "Infant Nutrition," McCormick "Pathology of Labor, the Puerperium, and the Newborn," and Selling "Synopsis of Neuropsychiatry."

National Dairy Council Chicago, Illinois

Booth No. E-6

You are cordially invited to visit the National Dairy Council exhibit of health education materials at Booth No. E-6.

Booklets and posters giving timely and authentic nutrition information will be on display. This literature may be used for distribution to patients or for the reception room. Sample material may be requested.

National Drug Company Philadelphia, Pennsylvania

Booth No. E-4

You are cordially invited to visit our exhibit. Of specific interest will be the newest developments of our Research Laboratories; namely, our Amino Acid products—Aminonat, Aminovite and Protinal.

Also on display will be our time-tested, Council-Accepted biologicals, including the series of multiple antigens for simultaneous immunization.

Wm. R. Niedelson Detroit, Michigan

Booth No. C-5

Still the leader of the basal metabolism testers, the Jones "Motor-Basal" will be shown, as will the first "Cardiotron." Showing for the first time, the new "Profex" Examining Table Model X-Ray for the general practitioner will be on display. This is an ideal unit for the limited space problem.

Ortho Pharmaceutical Corporation Booth No. D-19 Raritan, New Jersey

Ortho Pharmaceutical Corporation cordially invite you to visit their booth, No. D-19. Their complete line of Gynecic Pharmaceuticals will be on exhibit, including Triple Sulfa Vaginal Cream for Bacterial Vaginitis and Nidoxital for nausea and vomiting of pregnancy. Samples and literature will be available on request.

Parke, Davis & Company Booth Nos. B-7, B-9, B-11, B-13 Detroit, Michigan

The 1947 Parke, Davis & Co. Exhibit will highlight the Technical Aspects of Benadryl. Demonstrations of the fundamental uses of Radioactive Isotopes in Medical Research and their applicability to the study of the pharmacodynamic action of Benadryl will be de-picted. Laboratory animals will be utilized in these daily demonstrations. You are cordially invited to visit this outstanding exhibit.

Pet Milk Company St. Louis, Missouri

Booth Nos. B-12, B-14

A complete display of material illustrating the timesaving Pet Milk services available to physicians. Specially trained representatives will be in attendance to give you information about the production of Pet Milk and its use for infant feeding. Miniature cans will be given to physicians visiting the exhibit.

Philip Morris & Company, Ltd., Inc. New York, New York Booth No. E-21



Philip Morris & Company will demonstrate the method by which it was found that Philip Morris Cigaret-tes, in which diethy-lene glycol is used as the hygroscopic agent, are less irritating than other cigarettes. Their representative will be happy to discuss re-searches on this subject, and problems on the physiological effects of smoking.

Picker X-Ray Corporation Boot Detroit, Flint, Grand Rapids, Michigan Booth Nos. D-2, D-4



Picker will exhibit the very popular "Century" diagnostic unit with some postwar improvements; also a complete line of radiographic and fluoroscopic accessories.

Pitman-Moore Company Indianapolis, Indiana

Booth No. A-9

At Booth No. A-9, the Pitman-Moore display will feature a number of important Council-Accepted biological and pharmaceutical products. Medical service representatives from this area will be on hand to greet their friends in the medical profession, and members of the Pitman-Moore scientific staff will be in attendance to answer technical questions and explain recent scientific advances.

Procter & Gamble Company Cincinnati, Ohio

Booth No. E-18

In Booth No. E-18, the Procter & Gamble Company offers the first four of a series of time-saving leaflet pads for doctors. These are entitled "Instructions for Routine Care of Acne," "Instructions for Bathing a Patient in Bed," "Instructions for Bathing Your Baby" and "The Hygiene of Pregnancy." Additional leaflet pads are being prepared, designed to save doctors time in answering patients' questions on routine home time in answering patients' questions on routine home care. Also displayed will be other samples of service material prepared for the medical profession. Mrs. Christyne Schwab will be in charge of the booth.

Professional Management Battle Creek, Michigan

Booth No. E-22

Professional Management-"A Michigan Institution with a National Reputa-tion" will be on hand, as usual, with members of the firm available, not only to its hundreds of clients, but to all members of the MSMS for consultation regarding Office Records—Partnership Arrangements—Taxes—Fees and The Business Side of Medical Practice in general.

836

JOUR. MSMS

Th Bo of the Pro to Rand Detre

Radio

New

Phila Pa

Ra lat of

wi

ea W th

Bloo T es or

Sche

te P ce ef S as C

Sha Phi

TECHNICAL EXHIBITS

Radium Emanation Corporation New York, New York

Booth No. E-11

The Radium Emanation Corporation invites you to Booth No. E-11 where we will exhibit a wide variety of instruments and applicators used in modern radium therapy, including permanent and removable Leak-Proof radon seeds. Our representative will be available to explain this equipment and its usage.

Randolph Surgical Supply Company Detroit, Michigan

Booth Nos. B-15, B-17

Randolph Surgical Supply Company will display the latest developments in new equipment and other items of interest. On hand to greet Randolph's many friends will be Art Rankin, Fred Greenhut and Cliff Randolph.

W. B. Saunders Company Philadelphia, Pennsylvania

Booth No. D-20

W. B. Saunders Company, represented by Mr. Frank Patterson, will exhibit the complete line of their books including Hyman's "Integrated Practice of Medicine," Bockus' "Gastro-enterology," Lyons & Woodhall's "Atlas of Peripheral Nerve Injuries," Rubin's "Diseases of the Chest," Cooke's "Allergy," new editions of Wechsler's "Clinical Neurology," Ranson & Clark's "Anatomy of the Nervous System," Novak's "Gynecological and Obstetrical Pathology," Cecil's "Medicine," DeLee & Greenhill's "Obstetrics," Wharton's "Gynecology and Female Urology," Boyd's "Surgical Pathology," Duncan's "Diseases of Metabolism," McCombs' "Internal Medicine," and many others.

Schering Corporation Bloomfield, New Jersey

Booth No. A-1

The Schering booth will feature the potent oral estrogenic hormone, Estinyl (ethinyl estradiol), the oral progestin, Pranono (anhydrohydroxyprogesterone) and the oral androgen, Oreton-M (methyltestosterone). The well-known parenteral hormones, Oreton (testosterone propionate), Progynon-B (estradiol benzoate). Proluton (progesterone), and Cortata (desoxycorticosterone acetate) will also be displayed. The new effective treatment for ophthalmic infections, Sodium Sulfacetimide Solution 30 per cent will be of interest as will be the clinically safer sulfonamide combination Combisul-TD and the radiographic media Priodax and Neo-Jopax. Schering Professional Service Representatives will be present to welcome physicians' inquiries.

G. D. Searle & Company Chicago, Illinois

Booth No. D-1

Will show a number of products of Searle Research which have contributed so much to the armamentarium of the physician, including Searle Aminophyllin, Metamucil, Ketochol, Floraquin, Diodoquin, Pavatrine, Pavatrine with Phenobarbital, Gonadophysin, and Tetrathione.

Featured will be the new Aminophyllin Supposicones, the Searle brand of Aminophyllin Suppositories, which remain stable at temperatures up to 130° F, but which liquefy readily under conditions of use.

Sharp & Dohme, Inc. Philadelphia, Pennsylvania

Booth No. A-12

Sharp & Dohme extends a cordial welcome to all visitors at Booth No. A-12. New antibiotic preparations including "Prothricin" nasal decongestant and

"Tyroderm," tyrothricin cream are being featured along with "Sulfathalidine" and "Sulfasuxidine," intestinal bacteriostatic agents. "Cremosuxidine," "Lyocyte" Powder, dried human blood cells and "Lyovac" Normal Human Plasma complete the items on exhibit.

Smith, Kline & French Laboratories Booth No. E-5 Philadelphia, Pennsylvania

Eskay's Oralator is featured at this exhibit.

Eskay's Oralator provides a revolutionary method of cough control. Inhaled by mouth, the Oralator's anesthetic-analgesic vapor (2-amino-6-methylheptane) is delivered directly to the nerve endings in the trachea and larynx, where it controls cough within a matter of seconds. Safe and effective, the Oralator is indicated in those types of coughs for which codeine would ordinarily be prescribed. Unlike sedatives and narcotics, however, the Oralator produces no appreciable systemic effects.

Our specially trained professional representatives will be glad to answer questions concerning the possible uses of our products in your practice.

Spencer Incorporated New Haven, Connecticut

Booth No. C-9

Spencer, Incorporated Exhibit—Featuring individually designed supports for abdomen, back and breast. Doctors will be especially interested in these supports for patients who have undergone mastectomy. They will also be interested in the Spencer Spinal Support for patients following cast removal, or as an aid to treatment of protruding disc and other back derangements. Supports for patients with hernia, visceroptosis with symptoms, postoperative needs, obesity, antepartum and postpartum needs are also on display.

E. R. Squibb & Sons New York, New York

Booth No. D-8

Nutrition in the Sick Patient: A scientific exhibit which presents new data on excretion and depletion of nutrients in the hospitalized patients on standard hospital diets; resulting changes in body chemistry; and measures suitable for the prevention of nutritional damage.

Frederick Stearns & Company Division Booth No. D-3 Detroit, Michigan

You are cordially invited to visit the exhibit of Frederick Stearns & Company Division.

Members of our professional staff will be in attendance to discuss such products as Parenamine, Demerol, various Neo-Synephrine products, Fergon, Adnephrin, and the complete list of Stearns ethical specialties.

Please register for any samples you may wish sent you.

VanPelt & Brown, Inc. Richmond, Virginia

Booth No. E-16

VanPelt & Brown, Inc., will exhibit a number of our prescription specialties. Of special interest are our products: Elixir and Tablets of Gluco Ferrum with Vitamin B₁ (Hematinic), Barbidonna (Sedative and Anti-Spasmodic), Theobarb (Vasodilator), and Elixir Mandechlor (Urinary Antiseptic). The exhibit will be conducted by Messrs. George J. Hulcher and T. Frank Brown. You are most cordially invited to visit our booth.

Westinghouse Electric Corporation Pittsburgh, Pennsylvania

Booth Nos. C-12 C-14

White Laboratories, Inc. Newark, New Jersey

Booth No. B-3

White Laboratories, Inc. at Booth No. B-3 present information regarding White's Sulfathiazole Gum-expressly formulated for topical chemotherapy in oropharyngeal infections; White's Otomide—a more effective means of topical chemotherapy in ear infections —and a NEW specialty, White's Mol-Iron Tablets, a new and definite advance in the treatment of iron deficiency anemias. White's ethically promoted vitamin specialties are also

featured. You will find a very cordial welcome by White's Medical Service Representatives in charge of

the exhibit.

Winthrop Chemical Company, Inc. New York, New York Booth No. C-11

WINTHROP CHEMICAL COMPANY, INC., New York (Booth No. C-11) extends a cordial invitation to visit its booth where representatives will be on hand to discuss the latest therapeutic contributions made by this cuss the latest therapeutic contributions made by this firm. Featured will be Demerol, powerful analgesic, spasmolytic and sedative; Digisidin, crystalline digitoxin, the drug of choice for precise digitalization, and Crystalline Penicillin G in Oil and Wax, "Punctule" for simple, convenient administration of the Romansky formula.

Zimmer Manufacturing Company Booth No. E-9 Warsaw, Indiana

Mr. C. A. Fisher, factory representative, will exhibit a complete line of fracture equipment, including the popular Luck Bone Saw. New items on display for your approval will be, the Moreira Stud-Bolt for hip your approval will be, the Moreira Stud-Bolt for hip fractures, Doctor Eggers Contact Splint (slotted bone plate), complete set of New Bone Clamps, Intramedullary fixation Instruments, Adjustable Intertrochanteric Plate and Nail, Threaded Wires and Pins, Moore-Blount Plates and Instruments, New Rubber Cushion Walking Heel, and the Conn Tourniquet.

MEETINGS OF SPECIAL SOCIETIES AND ALUMNI GROUPS

Michigan Society of Anesthetists, Thursday, September 25, Room 322, Pantlind Hotel, 7:00 p.m., dinner. Election of officers and business meeting.
 Detroit Urological Society, Tuesday, September 23, Room 222, Pantlind Hotel, 7:00 p.m., dinner. Speaker: George H. Ewell, M.D., Madison, Wisconsin—"The Surgical Complications of the Polycystic Kidneys."

Kidneys." Michigan Pathological Society, Friday, September 26, Room 222, Pantlind Hotel, beginning at 12:00 Noon and continuing through Friday afternoon and evening and also Saturday morning, September 27. Alan Moritz, M.D., Boston, Mass., and Mr. F. Roland Allaben, LL.B., Grand Rapids, will be the

Roland Allaben, LL.B., Grand Rapids, will be the principal guest speakers.

Alumni of Northwestern University School of Medicine will meet Wednesday, September 24 at the Peninsular Club, Grand Rapids, 12:30 p.m. The luncheon is being arranged by Cochairman L. S. Griffith, M.D., P.W. Willits, M.D., J. H. Beaton, M.D., H. J. Damstra, M.D., and E. W. Schnoor, M.D., all of Grand Rapids.

Alumni Association of Loyola University School of Medicine will meet Tuesday, September 23, Room

322, Pantlind Hotel, 7:00 p.m., dinner.
The Medical Assistants Conference—Wednesday,
September 24, Schubert Room, Pantlind Hotel, 4:00
p.m., followed by dinner at 6:30 p.m.
Secretaries of all MSMS members are cordially invited to attend this informative Conference. No fee.

Wayne University Alumni Association "open house" from Tuesday noon to Friday noon, September 23-26-Parlor D., Mezzanine floor, Pantlind Hotel.

Have You Made Your HOTEL RESERVATIONS?

MICHIGAN STATE MEDICAL SOCIETY

82nd Annual Session

Grand Rapids, September 23-24-25-26, 1947

The reservation blank below is for your convenience The reservation blank below is for your convenence in making your hotel reservations in Grand Rapids. Please send your application to J. W. Logie, M.D., Chairman of Housing Committee, c/o Pantlind Hotel, Grand Rapids, Michigan. Mailing your application now will be of material assistance in securing hotel accommoda-

Baker,

Brown, Brunson Burdick Corkill, Dickins

Flinn, Hudnu

Arscott Buntin Burkho

Constar Foley,

Clarke Finnie Gwinn

Alcori Alcorr Allen, Andre

Asline Austin

Boulte Chapi Conne Crisw Darda DeWa Dolbe Drum

Dumo Fishe Foste Freel Gaml Groot Grosj Gunn Hage Hasty

Ande Allen Ande Belsl Bjorl Blies Brov Burr Caw

Con Crov Dun Eids

Fabe Fatt Frie Gan Gille

Jui

As very few singles are available, registrants are requested to co-operate with the Housing Committee by sharing a room with another registrant.

W. Logie, M.D., Chairman, Housing Committee, Michigan State Medical Society Annual Session, c/o Pantlind Hotel, Grand Rapids, Michigan. Please make hotel reservation(s) as indicated below:

*****		Sir	ngle R	oom(s)			
*****		Do	ouble !	Room (s) fo	r	pers	sons
••••	*******	Tv	vin Be	dded R	oom	(s) for	per	sons
Ar	riving	Septem	ber .	ho	ur	A.M	Р	.M.
Lea	aving	Septem	iber .	ho	ur	A.M	Р	M.
		and add			appl	licants	includ	ling
Name			Ad	dress		City	Sta	ate
					******		****	
			*******	*********	******	• • • • • • • • • • • • • • • • • • • •		
	*******		********			••••••	****	
	*******	*********	······································	-	******			******
Date		. Signat	ure	*******				******
Address						City.		

Michigan State Medical Society Roster 1947

(Special Memberships are indicated as follows: "E" for Emeritus Members; "L" for Life Members; "R" Retired Members, and "A" for Associate Members; all others are Active Members)

Allegan County

Baker, A. G.	Allegan
Brown, Lewis Freeman	Otsego
Brunson, Eugene T	
Burdick, J. G	Allegan
Corkill, C. C.	
Dickinson, C. A	
Flinn, C. C	Allegan

Johnson, E. B.	Allegan
Johnson, H. H.	Martin
Kromer, R. A	Wayland
Mahan, James E	Allegan
Medill, W. C	
Miller, K. C	Saugatuck
Ramseyer, Gladwin E	Plainwell
Rigterink, George H	Hamilton

Rummell, Robert J	Fennville
Stuch, Howard T	Allegan
	Otsego
Ten Pas, Henry W	Allegan
Van Ness, J. H Van Der Kolk, Bert	Hopkins
Vaughan, W. R.	Plainwell

Hier, Edward A	Alpena
Jackson, W. F	Rogers City
Kessler, Harold	
Lister, George F Nesbitt, Wm. E	

Alpena-Alcona-Presque Isle Counties

O'Donnell F. L.	Alpena
Parmenter, E. S	Rogers City
Pennington, James	HAlpena
Ramsey, J. A	Alpena
Wienczewski, The	phileAlpens

Clarke, Daniel MHa	stings

Harkness.	Robert	B(L) Hastings
Keller, Gu	ау С		Hastings
Lathrop, C	Marence	P(E) Hastings
Lund Ch	ester A	F	Middleville

Barry County

McIntvre, K.	S	Hastings
Morris, Edgar	S(L)	Nashville
Phelps, Everett	L	Hastings

Bay-Arenac-Iosco Counties

Alcorn, Kent	Bay City
Alcorn, Marshall	Bay City
Allen A. D.	Bay City
Allen, A. DAndrews, F. T	Bay City
Asline, J. N.	Ferenville
Asime, J. N.	Essexviile
Austin, JustisT	awas City
Ballard, W. R(E)	Bay City
Boulton, A. O(E)	Gladwin
Brown, G. M.	Bay City
Chapin, Frederick J	Bay City
Connelly, C. J	Bay City
Criswell, R. H	Bay City
Dardas M I	Bay City
Dardas, M. J DeWaele, Paul L	Bay City
Dolhas Malasler	Standish
Dolbee, Malcolm	Stantish
Drummond, Fred	Kawkawlin
Dumond, V. H.	Bay City
Fisher, Robert E	Bay City
Fisher, Robert E	Bay City
Freel, John A	Bay City
Gamble, W. G., Jr	Bay City
Groomes, Charles	Bay City
Grosjean, J. C.	Boy City
Cupp Pohant	Bay City
Gunn, Robert	
Hagelshaw, G. L.	Bay City
Hasty, EarlV	Vhittemore

Hess, C. L	y
Horowitz, S. FranklinBay Cit	y
Horowitz, S. FranklinBay Cit	ty
	tw
Huckins, E. SBay Cit	tw
Hughes F. C. Bay Cit	
Husted, F. PitkinBay Ci	-
Tanalas A II	. 7
Jacoby, A. Hbay Ci	У
Jens, OttoEssexvil	le
Jacoby, A. H. Bay Cit Jens, Otto Essexvil Johnson, Orlen J. Bay Cit	y
Jones, Jerry MBay Cit	y
Jones, Jerry M	v
Kerr William (E) Bay Cit	w
Kessler, ManaBay Cit	7
Kessler, Saba	y
Kessier, Saba	y
Knobloch, Howard	y
Lerner, DavidAu Gr	es
Loftin, RobertBay Cit	tv
MacRae, L. D. Bay Cin McDonnell, Walter R. Pinconnir	v
McDonnell Walter R Pinconnin	ď
McEwan, J. H. Bay Cit	3
McEwan, J. H	y
MacPhail, JosephBay Ci	Ly
Medvezky, M. JBay Cit	y
Miller, Edwin CBay Cit	ty
Medvezky, M. J. Bay Ci Miller, Edwin C. Bay Ci Miller, M. C. Bay Ci	v
Mitton, Orland WEast Taw	as
Moore, George WBay Ci	tw
Moore, George Wbay Cr	. 4

Moore, Neal R	Bay	City
Mosier, D. J.	Bay	City
Mosier, D. J Pearson, Stanley M	Bay	City
Perkins, Roy CReuter, C. W	Bay	City
Reuter, C. W	Bay	City
Savory John	Bay	City
Scrafford, Royston Earl	Bay	City
Shafer, Harold C	Bay	City
Sherman, R. N.	Bay	City
Sherman, R. N	Bay	City
Staley, Hugh	(mer
Stinson, W. S	Bay	City
Stuart, Alexander A	Bay	City
Tarter, Clyde S	.Bay	City
Timreck, Harold A	Gla	dwin
Tupper Virgil L. (R)	Bay	City
Urmston, Paul R	Bay	City
Vail. Harry F	.Bay	City
Urmston, Paul R	Au	burn
Warren, E. C. (E) Wilcox, J. W. (E)	Bay	City
Wilcox, J. W	Bay	City
Wilson, Thomas G	Bay	City
Wittwer, E. A	Bay	City
Zaremba, Aloysius J	Bay	City
Ziliak, A. L	Bay	City

Berrien County

Anderson, H. B. Waterv	liet
Anderson, H. B. Waterv Allen, Robert C. St. Jose	enh
Anderson, BerthaSt. Jose	anh
Palalan Frank F	pu
beisley, Frank Kbenton Har	DOL
Bjork, HaroldSt. Jose	eph
Belsley, Frank KBenton Har Bjork, HaroldSt. Jose Bliesmer, A. FSt. Jose	eph
Brown, F. WWaterv	liet
Burrell, H. JBenton Har	hor
Cawthorne, H. JBenton Har	bor
Conybeare, R. CBenton Har	bon
Conybeare, R. CBenton Har	DOL
Crowell, RichardSt. Jose	eph
Dunnington, R. NBenton Har	bor
Eidson, HazelBerrien Spri	ngs
Emery, ClaytonSt. Jose Faber, MichaelBenton Har	enh
Faher Michael Renton Har	bor
Fottie C D To	iles
Fattic, G. R., Jr	nes
Friedman, MorrisNew Buff	alo
Garrett, Évan LN	iles
Gillette, Clarence HN	iles
,	

Green, Robert	Eau	Claire
Gregory, James	Berrien	Center
Gregory, James	St.	Joseph
Harper, Ina	Benton	Harbor
Harrison, L. L.		Niles
Hart, Russell		Niles
Helkie W. L.		Niles
Henderson, Fred		Niles
Hershey, Noel J		Niles
Huff. H. D.		Niles
King, B. B	Benton	Harbor
King, Frank, Jr	Benton	Harbor
King, Frank, JrKling, H. C		Niles
Kok Harry	Benton	Harbor
Lawton, Clare V	Benton	Harbor
Leva, John B	Benton	Harbor
Miller, E. A	Berrien	Springs
Mitchell, Carl A	Benton	Harbor
Moore, T. Scott		Niles

Neville, J. William	Benton	Harbor
Ozeran, C. I	Benton	Harbor
Pritchard, H. M		Niles
Reagan, Robert E	Benton	Harbor
Rein, Gerald	Benton	Harbor
Rice, Franklin		
Richmond, D. M	St.	Joseph
Ruth, J. Griswold	Benton	Harbor
Smith, W. As	Berrien	Spring
Sowers, Bouton		
Strayer, J. C	Bı	uchanan
Thorup, D. W	Benton	Harbor
Tompkins, C. E	Benton	Harbor
Waterson, Roy S	*****************	Niles
Westervelt, H. O	Benton	Harbor
Winter, Joseph A	St	. Joseph
Woodford, H. E	Benton	Harbor
Yeomans, T. G	St	. Joseph

4-1		Branch County	De- 22 - 1 1 -
Andrews, Frank AAtkinson, A. L	Coldwater	Fraser, R. J	Rees, Kendall BColdwater Rennell, E. JColdwater
Bailey, J. E.	Coldater	Joerin, William Coldwater Leitch, R. M. Union City	
Atkinson, A. L	Bronson	McLain B W Union City	Wade P I Coldwater
Cuiver, Dert W	Coldwater	Meier, H. JColdwater	Walton, N. JColdwater
Culver, Dean	Bronson	McLain, R. W	Schulz, Saintel Coldwater Thomas, J. A. Coldwater Wade, R. L. Coldwater Walton, N. J. Quincy Weidner, H. R. Coldwater Woods, R. H. LaSale, Ill.
Eberhart, L. L	Angola, Ind.	Coldwater LColdwater	. M.c.
		Calhoun County	2 1
Amos, Norman H	Battle Creek	Hills, C. RBattle Creek	Patrick, GilbertBattle Creek
Baribeau, R. H	Battle Creek	Hollands, Robert ABattle Creek	Pearson, Donald I Battle Creek
Becker, H. F	Battle Creek	Hollands, Robert ABattle Creek Holtom, B. GBattle Creek Howard, W. LBattle Creek	Putnam, W. N. Battle Creek
Beuker, Herman Bodine, Harold R	Battle Creek	Howard, W. L. Battle Creek Hoyl, Aura A. Battle Creek Hubly, James W. Battle Creek	Robbert, John Battle Creek Robins, Hugh Battle Creek Rorick, Wilma Weeks Battle Creek
Bonifer, Philip P Brainard, C. W	Battle Creek	Hubly, James WBattle Creek Humphrey, Archie EMarshall	Rosenfald Joseph E Battle Creek
Campbell, Alice	Albion	Humphrey Arthur A. Battle Creek	Royer, C. WBattle Creek
Campbell, R. J	Battle Creek	Jeffrey, J. RBattle Creek	Schelm, George WBattle Creek
Carney, Ruth C	Battle Creek	Jesperson, LydiaBattle Creek	Robert Willia Week Battle Creek Royer, C. W. Battle Creek Royer, C. W. Battle Creek Schelm, George W. Battle Creek Schwarz, Frank W. Battle Creek Selmon, Bertha L. Battle Creek Sharp, A. D. Albion Shipp, L. P. Battle Creek Sibileky A. Clark
Church, Starr K	(E) Marshall	Keagle, Leland RBattle Creek	Sharp, A. D. Albion
Capron, Manley J	Battle Creek	Keeler, K. BAlbion Kinde, M. RPattle Creek	Shipp, L. P. Battle Creek Sibilsky, A. Clark Battle Creek
Curry, Robert K	Homer	Kingsley, Paul CBattle Creek	Simpson, Robert SBattle Creek
Dodge Warren M	Battle Creek	Knapp, Nettie EBattle Creek Kolvoord, TheodoreBattle Creek	Sleight James D. Battle Creek
Fairbanks, Stephen	Albion	LaFrance, N. FrancisBattle Creek	Stadle, Wendell HBattle Creek
Forsyth J F	Battle Creek	Lam, Francis	Strehmenger Frank Y
Fairbanks, Stephen	Battle Creek	Lewis, W. BBattle Creek	Sidisky, A. Clark
		Lowe, H. MBattle Creek	
Giddings, A. M	Battle Creek	Lowe, Kenneth HBattle Creek Lowe, Stanley TBattle Creek	Toms, Roland EBrooklyn, N. Y. Upson, W. OBattle Creek
Gilfillan, Margery J Gorsline, Clarence S	Battle Creek	MacGregor, Archibald EBattle Creek	Van Camp Elijah Battle Crash
Graubner, F. L	Marshall	Monni Laurence C Rottle Creek	Vander Voort, W. VBattle Creek
Hansen, Harvey C.	Battle Creek	Melges, F. J. Battle Creek	Walker, Charles SBattle Creel Walters, F. RBattle Creel
Haughey, Wilfrid Heald, C. W Henderson, Louis M	Battle Creek	Meister, F. O. Battle Creek Melges, F. J. Battle Creek Mercer, C. M. Battle Creek Morrison, Donald Battle Creek Moshier, Bertha (R) Battle Creek Mullenmeister, H. F. Battle Creek	Walters, F. R. Battle Creel Wencke, Carl G. Battle Creel
Henderson, Louis M	Albion	Moshier, Bertha(R) Battle Creek	Winslow, Rollin CBattle Creek
rienderson, Philip	Albion	Mullenmeister, H. FBattle Creek	Winslow, Rollin C
Herzer, Henry A Hibbs, Donald K	Battle Creek	Mustard, RussellBattle Creek Norton, Richard CDetroit	Zindler, George ABattle Creek
		Cass County	
Adams, U. M	Dowagiac	Kelsey, James HCassopolis	Newsome, Otis
Hickman, John	Dowagiac	Loupee, S. L	Zwergel, E. HCassopolis
	20.30	Chippewa-Mackinac Counties	A 9
Abbiss, Frederick J	Sault Ste. Marie	Harrington, H. MSault Ste. Marie	Montgomery, B. T. Sault Ste. Marie
Carr, E. S.	Pickford	Howe, D. C. Sault Ste. Marie	Montgomery, B. T. Sault Ste. Marie Thompson, T. W. Sault Ste. Marie Trapasso, T. G. Sault Ste. Marie Wallen, LeRoy J. Sault Ste. Marie
Finlayson, D. D	Sault Ste. Marie	Harris, D. MSault Ste. Marie Howe, D. CSault Ste. Marie Howe, GertrudeSault Ste. Marie McBryde, Lyman MSault Ste. Marie	Wallen, LeRoy JSault Ste. Mari
Bandy, F. C	Sault Ste. Marie	McBryde, Lyman MSault Ste. Marie Mertaugh, W. FSault Ste. Marie	Willison, C(E) Sault Ste. Mari Yale, I. VSault Ste. Mari
		Clinton County	
Cook, Bruno	Westphalia	Henthorn, A. CSt. Johns	Miller, Charles ScottFowle
Elliott, Bruce R Foo, Charles T	St. Johns	Ho, Thomas YSt. Johns Luton, F. ESt. Johns	Russell, Sherwood R. St John
race, Guy H	St. Johns	McWilliams, W. BMaple Rapids	Stoller, R. PaulFowle Wahl, George EdwardSt. John
		Delta-Schoolcraft Counties	
Bernier, A. Barrso	Nahma	Diamond, J. AGladstone Frenn, N. JBark River	Lindquist, N. LEscanab
Boyce D. H	Escanaba	Frenn, N. J	McInerney, Thomas AEscanab
Bernier, A. Barrso Benson, G. W Boyce, D. H Brenner, Ervin J	Manistique	Groos, Harold QuintenEscanaba	Miller, Albert HGladston
Carlton, A. J Chenoweth, Nancy R	Escanaba (E) Escanaba	Groos, Louis P. Escanaba . Hult, Otto S. Gladstone	Moll, G. W
Defnet, Harry John	Escanaba	Lemire, Wm. AEscanaba	
		Dickinson-Iron Counties	
Addison, E. R	Crystal Falls	Frederickson, GeronIron Mountain	Palm, E. TheodoreCrystal Fall
Boyce, George H	Iron Mountain	Frederickson, GeronIron Mountain Huron, W. HIron Mountain Irvine, L. EIron River	Retallack, R. C. Iron Rive
Boyce, George H Browning, James L Cooper, C. A	Iron Mountain	Koimeni, wm. JStambaugh	Smith, Donald RIron Mountain Steinke, Charles GIron Mountain
Cooper, C. A Fiedling, Wm	Stambaugh	McEachran, Hugh DIron Mountain Menzies, CliffordIron Mountain	Wetterstroem, R. GStambaug
-	Norway		Iour MeMs
940			

Arner, Brown Engle, Goff, Hanna Harro

Alba And Eise Fra Ger Gin

Bal Bea Bol Bro Bro Bus Ever Ell

Ju

Eaton County

Arner, Fred Levi	ellevue
Brown, B. PhilipCh	arlotte
Engle. Paul.	.Olivet
o /r C P Faton	Rapids
Hannah. H. WCh	arlotte
Harrod, GordonGrand	Ledge

Huber, Chas. D	Charlotte
Huyck, Stanhope Pier	
Imthun, Edgar F	
Meinke, Albert	
Myers, Albert W	
Sevener, Lester G	Charlotte

Stucky, G	eo	C	harlotte
van Ark,	Bert	Eator	Ranids
Van Ark,	Herman	Eator	Rapids
Whitlock,	S. C	Di	mondale
willits, C	i. O	С	harlotte

Genesee County

Adams, Chester
Anderson Harley H. Mt. Morris
Andrews N. A. C. Flushing
Anthony Geo. E. Flint
Rackus Glenn R. Flint
Raird James(E) Flint
Baird, W. C. Flint
Bald Frederick WFlint
Barbour, Fleming AFlint
Baske, FranklinFlint
Baste, Franklin Bateman, L. G. Flint Benson, J. C. Flint Benson, John C., Jr. Flint Bernstein, Eli N. Flint Beyer, Damon P. Clio
Benson, J. CFlint
Benson, John C., JrFlint
Bernstein, Eli NFlint
Beyer, Damon PClio
Biggar, H. RFlint
Bishop, D. L. Flint
Blakeley, A. CFlint
Bogart, Leon MFlint
Boles, William PFlint
Bonathan, Alvin 1Flint
Bradley, RobertFlint
Brain, K. GordonFint
Branch, Hira EFint
Prize Com D
Bruce Wm W Swartz Creek
Ruchanan W Fremont Fenton
Burkett L. V. Flint
Burnell Max Flint
Burnside, Howard B. Flint
Caster, E. WilburHuntington Woods
Chambers, Myrton SFlint
Chandler, M. EFlint
Charters, John HFlint
Clark, Clifford PFlint
Clift, M. WilliamFlint
Colwell, C. WFint
Conneil, J. 1Fint
Conover McClellen Flint
Conover T S Flint
Cook Honey Flint
Covert F L. Gaines
Covert, F. L
Covert, F. L
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George Fint
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George Flint Curtin, J. H. Flint
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George. Flint Curtin, J. H. Flint Cutter, G. Campbell Flint
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. Flint Curry, George. Fint Currin, J. H. Flint Cutler, G. Campbell Flint David, T. George. Flint
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George Fiint Curtin, J. H. Flint Cutter, G. Campbell Flint David, T. George. Flint Del Zingro, N. Davison
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George. Flint Curtin, J. H. Flint Cutter, G. Campbell Flint David, T. George. Flint Del Zingro, N. Davison Denholm, Nan H. Flint
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George. Flint Curtin, J. H. Flint Cutler, G. Campbell. Flint David, T. George. Flint Del Zingro, N. Davison Denholm, Nan H. Flint Dickstein, Bernard. Flint
Covert, F. L
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George Flint Cuttin, J. H. Flint Cutter, G. Campbell Flint David, T. George Flint Del Zingro, N. Davison Denholm, Nan H. Flint Dickstein, Bernard Flint Dimond, E. G. Flint Dodds, F. E. Flint
Covert, F. L
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George. Flint Cutter, G. Campbell Flint David, T. George. Flint Del Zingro, N. Davison Denholm, Nan H. Flint Dimond, E. G. Flint Dimond, E. G. Flint Dimond, E. G. Flint Dimond, E. G. Flint Dimond, F. E. Flint Edgerton, A. C. Clio Eichhorn, Ernest Flint Eickhorst, Thomas N. Flint Elliott, H. B. Flint Ettinger, Ralph D. Fenton
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George. Flint Curry, George. Flint Cutter, G. Campbell Flint David, T. George. Flint Del Zingro, N. Davison Denholm, Nan H. Flint Dickstein, Bernard. Flint Dimond, E. G. Flint Dodds, F. E. Flint Edgerton, A. C. Clio Eichhorn, Ernest. Flint Eickhorst, Thomas N. Flint Elliott, H. B. Flint Ettinger, Ralph D. Fenton Evers, J. W. Flint Farhar M. Flint Farhar M. Flint Franker M. Flint Farhar M. Flint Farhar M. Flint Franker M. Flint Farhar M. Flint Fint Fint Fint Farhar M. Flint Fint Farhar M. Flint Fint Fint Fint Fint Fint Fint Fint Farhar M. Flint Fint Fint Fint Fint Fint Fint Fint Fint
Covert, F. L
Covert, F. L. Gaines Crane, Harley C. Flint Credille, B. A. Flint Curry, George. Flint Cutter, G. Campbell Flint David, T. George. Flint Del Zingro, N. Davison Denholm, Nan H. Flint Dickstein, Bernard Flint Dimond, E. G. Flint Dodds, F. E. Flint Edgerton, A. C. Clio Eichhorn, Ernest Flint Eliott, H. B. Flint Ettinger, Ralph D. Fenton Evers, J. W. Flint Farhat, M. M. Flint Fee, Manson G. Flint Finkelstein, T. Flint
Benson, John C., Jr. Flint Bernstein, Eli N. Flint Beyer, Damon P. C.Clio Biggar, H. R. Flint Bishop, D. L. Flint Blakeley, A. C. Flint Boles, William P. Flint Boles, William P. Flint Bonathan, Alvin T. Flint Brailey, Robert. Flint Brain, R. Gordon. Flint Brain, G. Green. Flint Brain, R. Flint Brasie, Donald R. Flint Brasie, Donald R. Flint Brasie, Donald R. Flint Brasie, Donald R. Flint Brain, Hira E. Flint Caster, E. Wilbur. W. Fremont. Fenton Burkett, L. V. Flint Burnside, Howard B. Flint Caster, E. Wilbur. Huntington Woods Chambers, Myrton S. Flint Cander, M. E. Flint Charters, John H. Flint Clark, Clifford P. Flint Clift, M. William. Flint Colwell, C. W. Flint Connell, J. T. Flint Conover, G. V. Flint Conover, G. V. Flint Conover, G. V. Flint Conover, F. L. Gaines Crane, Harley C. Flint Covert, F. L. Gaines Crane, Harley C. Flint Curtin, J. H. Flint Curtin, J. H

Foley, S. I	W712 A
E.U. II T	
ruller, fl. 1Mt. 2	VIOTTIS
Gelenger, Stephen M.	Flint
Classes N. Asshur	1711
Gleason, N. Arthur	riint
Golden, H. Maxwell	Flint
Condfollow P T	Pline
Goodfellow, D. 1	rmt
Gorne S. S.	Flint
C.C. F. D	771
Grimn, Ernest P	Plint
Grover, H. F. Guile, Earl. Guile, G. S.	Flint
O 1 F 1	TILL.
Guile, Earl	Flint
Guile G S	Flint
C-1- C I	TOT
Gundry, G. LGrand	Blanc
Gutow I	Flint
C T Y Y	Tal.
Gutow, J. J	Flint
Hague, R. F.	Flint
Hall D P	1212
riall, R. F	r nnt
Halligan, Raymond S.	Flint
Hamada Dath	Elina
riamady, Ruth	rnnt
Hamilton, A. I	Flint
LI A W	Tri:
Harper, A. W	Funt
Harper, Homer	Flint
Hambine Ismes P	Flim
nawkins, James E	runt
Hays, George A.	Flint
TT!	T31.
HISCOCK, H. H	riint
Hooper, Kendall	Flint
TI- (T) C	C I
Houston, James(L) Swartz	Creek
Hubbard Wm. B.	Flint
Harfton Wilford I	Elina
Huiton, Willred L.	Flint
Jermstad, Robert I.	Flint
T-L A-th TT	E21:
Johnson, Arthur H	runt
Johnson Frank D	Flint
T-C-	T32.
Jones, Laion	Fint
Kaleta Edward	Flint
To C. T. D.	Till
Kauiman, Lewis D	Flint
Knapp M. S. (R) 1	Fenton
TATO TO	Tele-
Knapp, wm. D	Flint
Kretchmar, A. H.	Flint
T. T	Tale -
Kurtz, J. J.	Flint
Kurtz, J. J.	Flint
Kurtz, J. J. Lambert, L. A.	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L.	Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E.	Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E.	Flint Flint Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F.	Flint Flint Flint Flint ushing
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Fl MacDuff R. B.	Flint Flint Flint Flint Flint ushing
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Flint Flint Flint Flint ushing
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Fl MacDuff, R. B. MacGregor, D. M.	Flint Flint Flint Flint ushing Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Flint Flint ushing Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Fl MacDuff, R. B. MacGregor, D. M. Macksood, Joseph.	Flint Flint Flint Flint ushing Flint Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Fl MacDuff, R. B. MacGregor, D. M. Macksood, Joseph. Marsh, H.	FlintFlintFlint ushingFlintFlintFlintFlint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	FlintFlintFlint ushingFlintFlintFlintFlintFlint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F. MacDuff, R. B. MacGregor, D. M. Macksood, Joseph. Marsh, H. L. Marshall, William H.	Flint Flint Flint ushing Flint Flint Flint Flint Flint Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Fl MacDuff, R. B. MacGregor, D. M. Macksood, Joseph Marsh, H. L. Marshall, William H. McArthur, A.	Flint Flint Flint Flint ushing Flint Flint Flint Flint Flint Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F. MacDuff, R. B. MacGregor, D. M. Macksood, Joseph. Marsh, H. L. Marshall, William H. McArthur, A. McGarry, R. A.	FlintFlintFlint ushingFlintFlintFlintFlintFlintFlintFlint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Flint Flint ushing Flint Flint Flint Flint Flint Flint Flint Flint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Fl MacDuff, R. B. MacGregor, D. M. Macksood, Joseph Marsh, H. L. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. (E	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Fl MacDuff, R. B. MacGregor, D. M. Macksood, Joseph. Marsh, H. L. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. (E MCLeod, K. W. A.	Flint Flint Flint Flint ushing Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. MacSouff, R. B. MacGregor, D. M. Macksood, Joseph Marsh, H. L. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. McKenna, O. W. McLeod, K. W. A.	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F. MacDuff, R. B. MacGregor, D. M. Macksood, Joseph. Marsh, H. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. (E. McLeod, K. W. A. Miller, Loren Eugene.	Flint Flint Flint Flint Ushing Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Flint Flint Flint Flint ushing Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F. MacDuff, R. B. MacGregor, D. M. Macksood, Joseph. Marsh, H. L. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. (E. McLeod, K. W. A. Miller, Loren Eugene. Miltich, Anthony J.	Flint Flint Flint Flint Flint Ushing Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Flint Flint Flint Flint Ushing Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. MacSoud, Joseph Marsh, H. L. Marshall, William H. McArthur, A. McKenna, O. W. McKenna, O. W. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrish, Ray S.	Flint Flint Flint Flint Flint Ushing Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F. MacDuff, R. B. MacGregor, D. M. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. (E. McLeod, K. W. A. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrish, Ray S. Morrissey, V. H. Mosier, Edward C. C.	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F. MacDuff, R. B. MacGregor, D. M. Macksood, Joseph. Marsh, H. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. (E. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrish, Ray S. Morrissey, V. H. Mosier, Edward C. Odle, Ira.	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Flint Flint Flint Flint Inflint Inflint Flint Telint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. MacSood, Joseph Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. McKenna, O. W. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrissey, V. H. Mosier, Edward C. Odle, Ira. Olson, James A. O'Neil C. H. M. M. L. M. C. M. M. C. M. M. C. M. M. M. M. C. M. M. M. M. C. M.	Flint Flint Flint Flint Flint Inflint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Flint Flint Flint Flint I Flint I Flint Kerville
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W MacSood, Joseph. Marsh, H. L. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W (E. McLeod, K. W. A. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrish, Ray S Morrissey, V. H. Mosier, Edward C. O. Odle, Ira. Olson, James A. O'Neil, C. H (R) Decl	Flint Flint Flint Flint Flint Flint Inflint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. F. MacDuff, R. B. MacGregor, D. M. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. (E. McLeod, K. W. A. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrish, Ray S. Morrissey, V. H. Mosier, Edward C. Odle, Ira. Olson, James A. O'Neil, C. H. (R) Declorr, J. Walter. Phillips R. J.	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W MacSuff, R. B. MacGregor, D. M. Marshall, William H. Marshall, William H. McArthur, A. McGarry, R. A. McKenna, O. W. McLeod, K. W. A. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrish, Ray S. Morrish, Ray S. Morrish, Ray S. Morrish, C. C. Odle, Ira. Olson, James A. O'Neil, C. H. O'Neil, C. H. Phillips, R. L.	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. MacSood, Joseph Marshall, William H. McArthur, A. McKenna, O. W. McKenna, O. W. Miller, Loren Eugene. Miltich, Anthony J. Moore, Kenneth B. Morrissey, V. H. Mosier, Edward C. O'Neil, C. H. O'Neil, C. H. O'Reil, C. H. Miller, Malter. Phillips, R. L. Pleifer, A. C. Mt.	Flint Morris
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint
Griffin, Ernest P. Grover, H. F. Grover, H. F. Guile, Earl. Guile, G. S. Gundry, G. L. Gutow, J. J. Hague, R. F. Hall, R. F. Hall, R. F. Hall, R. F. Halligan, Raymond S. Hamady, Ruth. Hamilton, A. J. Harper, A. W. Harper, Homer. Hawkins, James E. Hays, George A. Hiscock, H. H. Hooper, Kendall. Houston, James. (L.) Swartz Hubbard, Wm. B. Hufton, Wilfred L. Jermstad, Robert J. Johnson, Arthur H. Johnson, Frank D. Jones, Lafon. Kaleta, Edward. Kaufman, Lewis D. Knapp, M. S. Kretchmar, A. H. Kurtz, J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W. Macksood, Joseph. Marsh, H. Marshall, William H. McArthur, A. McKenna, O. W. McKenna, O	Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint Hint Hint Flint
Kurtz, J. J. Lambert, L. A. Leach, J. L. Livesay, Jackson E. Logan, G. W	Flint

Probert, C. C		
Probert, C. C.	P1:	
Randall, H. E.	Flin	it
Rawlings, J. Mott	lin	at
Reeder, Frank E	Flin	at
Reichard, Orill	Flir	at
Reid, Wells CGood	lric	h
Reynolds, A. J.	Flir	ıt
Rieth George P	Flir	31
Roberts Floyd A	r iii	H
Rowell, Wilfred I.	Fliz	31
Rowley, James A.	Flir	nt
Rulney, Max	Flir	at
Rundles, Walter Z	Flir	at
Kynearson, W. JFe	nto	n
Scavarda Charles I	Flir	at
Schiff B. A.	r III	ıı
Scott, R. D.	Flir	nt
Searles, Karl F.	Flir	nt
Shantz, L. O	Flir	at
Sheeran, Daniel H	Fli	at
Shipman, Charles W	Flir	at
Sirna, Anthony R	Flir	at
Smith D C	nde	n
Smith E C	F 111	ut
Smith, Maurice I	Fli	nt
Sniderman, Benjamin	Fli	nt
Snyder, Charles ESwartz (ree	ek
Sorkin, Morris L	Fli	nt
Sorkin, S. S.	Fli	nt
Stephenson Pohest A	Flin	nt
Steinman F H	riii	nt
Stevenson, W. W.	Fli	nt
Streat, R. W.	Fli	nt
Stroup, C. K.	Fli	nt
Sutherland, James K	Fli	nt
Sutton, George	Fli	nt
Thompson Alvin	Fin	nt
Tofteland Elmer H	Fli	nt
Treat. D. L.	Fli	nt
Trumble, G. W	Fli	nt
Vander Slice, David	Fli	nt
Van Gorder, GeorgeDa	viso	on
Walcott C C	Fli	nt
Ward Nell	ente	on
Ware, Frank A.	Fli	nt
Wark, D. R.	Fli	nt
Wentworth, John E	Fli	nt
Werness, Inga W	Fli	nt
Westcott, George FGoo	dri	ch
White Herbert	ente	on
Williams W. S.	FI	nt
Willoughby G. L.	Tris	nt
	. 17 17	
Willoughby, L. L.	Fli	nt
Willoughby, L. L. Wills, T. N.	Fli Fli	nt
Willoughby, L. L. Wills, T. N. Woughter, Harold W.	Fli Fli	nt nt
White, Carl H. F. White, Herbert. Williams, W. S. Willoughby, G. L. Willoughby, L. L. Wills, T. N. Woughter. Harold W. Wright, D. R. Wyman, J. S. Wyman, J. S.	Fli Fli Fli	nt nt nt

Gogebic County

	Gorrilla, A. C	Albert, S. GIronwood
Irony	Lieberthal, M. J	Anderson, Chas, EBessemer
Irony	Lieberthal, Paul	Eisele, D. C. Ironwood
Irony	Lojacono, Salvatore	Franck, J. RWakefield
Irony	Maccani, Wm. L	Gertz, M. AIronwood
Irony	Nezworski, H. T	Gingrich, Wayne AIronwood
Ironv	O'Brien, A. J	
Ir	Nezworski, H. T	Gertz, M. AIronwood Gingrich, Wayne AIronwood

Pierpont, D. G	
Pinkerton, H. A	Ironwood
Stevens, Chas. E	
Tressel, H. A.	Wakefield
Urguhart, C. C.	Ironwood
Wacek, W. H.	Ironwood

Grand Traverse-Leelanau-Benzie Counties

Baker, Dorothy M	.Traverse City
Beall, John G	.Traverse City
Berghorst, John	.Traverse City
Bolan Ellis J	Suttons Bay
	Kingsley
Brownson, Kneale M	
Bushong, B. B	
Evseef, George S	
Ellis, Claude I	Suttons Bay

Gallagher, W. HTraverse City
Gauntlett, J. WTraverse City
Goodrich, DwightTraverse City
Grawn, F. AYpsilanti
Hall, James WTraverse City
Hamilton, Earl ETraverse City
Haynes, H. BTraverse City
Huene, NevinTraverse City
Huston, Russell RElk Rapids

Hyslop, Wm. TT	raverse	iCty
Jerome, Jerome TT	raverse	City
Kyselka, H. BT	raverse	City
Lemen, Chas. ET		
Lentz, R. JT		
Lossman, R. TT	raverse	City
Manwaring, John T	raverse	City
Meng, Ralph HT		
Mumby, Clinton JT	raverse	City

	ROSTER	1947		
Traverse City	Stone, Fordyce	Beulah Traverse City Frankfort Traverse City Frankfort	Way, Lewis R	Traverse City
	•			
Ithaca	Elliott, L. E	Edmore	Rondot, E. F.	Lake
St. Louis	Hall, B. C.	Pompeii	Rottschafer, J. L	Alm
Ithaca	Harringan, Wm. L	Mt. Pleasant	Strange, Russell H	Mt. Pleasan
Mt. Pleasant	Hyslop, Leland F	Mt. Pleasant	Wilcox. R. A.	Alm
Alma	Johnson P R	Mt Pleasant	Wilson, Earl CWolfe, Kenneth P.	Harriso
Breckenridge Alma	Miller, S. WOldham, E. S	Alma Breckenridge	Wood, Cornelius B	Mt. Pleasar
	Hillsdale (County		
Hillsdale	Hodge C. L.	Reading	McFarland, O. G	North Adam
MontgomeryJonesville	Johnson, C. E.	(L) Hillsdale	Miller, Harry C Moewch, Geo. F.	(L) Hillsdal
Hillsdale	MacNeal, John A	Hillsdale	Sawyer, Walter W Strom A W	Hillsda
RillsdaleRansom	Martindale, E. A	(L) Hillsdale	Wiggings. I. W	Jonesvil
	Houghton-Baraga-Ke	weenaw Counties		
Houghton	King Wm T	Ahmeek	Roche, Andrew M	Calue
Houghton	Kirton, Joseph R. W	Calumet	Sarvela, H. L	Hanco
Hancock	LaBine, Alfred	Houghton	Sloan, P. S	Houghte
(L) Calumet	MacQueen, Donald K.	(E) Laurium	Smith, Charles R Stahr, H. S	Modesta, Cal
Hubbell	McClure, Robert Iame	esCalumet	Stern, Isadore D	Houghte
Beacon Hill	Murphy, Percy C	Calumet	Whitmore R. C.	Hanco
Calumet	Roberts, Melvin D	Hancock	Winkler, Henry J	L'An
Pigeon			Ritsema. John	Sehewain
Kinde	Holdship, Wm. B Morden, Charles B	Ubly		Pigeo
Sehewaine	Oakes, C. W	Harbor Beach	Weiss, Arno W	Kind
Sebewaing Bad Axe				
	Ingham C			
Lansing R) Harbor Beach	Ingham C	Lansing	Klunzinger, Willard R Lanting, Helen E	Fast Lansii
Lansing R) Harbor Beach Lansing Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena	Lansing Lansing East Lansing	Lanting, Helen E Lanting, Roelof	East Lansii
Lansing R) Harbor Beach Lansing Lansing Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch Russell J	Lansing Lansing East Lansing Lansing Lansing	Lanting, Helen E Lanting, Roelof. LeDuc, Don M Ley, Wilfred	East Lansi Lansi Lansi Lansi Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch Russell J	Lansing Lansing East Lansing Lansing Lansing	Lanting, Helen E. Lanting, Roelof LeDuc, Don M. Ley, Wilfred Loree, Maurice C. Lucas T.	East Lansi Lansi Lansi Lansi Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L Folkers, Leonard M Fosget, W. W Foust, E. H	Lansing Lansing East Lansing	Lanting, Helen E. Lanting, Roelof LeDuc, Don M. Ley, Wilfred Loree, Maurice C. Lucas T.	East Lansi Lansi Lansi Lansi Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing Lansing Lansing Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L Folkers, Leonard M Fosget, W. W Foust, E. H Galbraith, Dugald A. Gardner, C. B.	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell E. G.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing Lansing Lansing Lansing Lansing Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L Folkers, Leonard M Fosget, W. W Foust, E. H Galbraith, Dugald A. Gardner, C. B Goldner, R. E Hackman, Pearl	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray	East Lansi East Lansi (R) Lansi East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L Folkers, Leonard M Fosget, W. W. Foust, E. H Galbraith, Dugald A. Gardner, C. B Goldner, R. E Hackman, Pearl. Harris, Dean W.	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson. Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCoy, Earl M. McCorumb, R. R.	East Lansi East Lansi (R) Lansi East Lansi Cand Led
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston East Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L Folkers, Leonard M Fosget, W. W. Foust, E. H Galbraith, Dugald A. Gardner, C. B Goldner, R. E Hackman, Pearl. Harris, Dean W.	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCovie, C. Ray. McCoy, Earl M. McCrumb, R. R. McClumbr, R. R.	East Lansi Lansi Lansi Lansi Lansi Lansi Lansi Lansi Lansi East Lansi (R) Lansi East Lansi Cansi Cansi Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston East Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L Folkers, Leonard M Fosget, W. W. Foust, E. H Galbraith, Dugald A. Gardner, C. B Goldner, R. E Hackman, Pearl. Harris, Dean W.	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson. Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCoy, Earl M. McCrumb, R. R. McElmurry. Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L Folkers, Leonard M Fosget, W. W Foust, E. H Galbraith, Dugald A. Gardner, C. B Goldner, R. E Hackman, Pearl. Harris, Dean W Harris, Herbert W Harrison, W. H Harrold, J. F Hart, L. C. Heald, Gordon H Heckert, Frank B	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward.	East Lansi Lansi Lansi Lansi Lansi Lansi Lansi Lansi East Lansi (R) Lansi East Lansi Grand Led Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L. Folkers, Leonard M Fosget, W. W Galbraith, Dugald A. Gardner, C. B Goldner, R. E Hackman, Pearl Harris, Dean W Harris, Herbert W Harrison, W. H Harrold, J. F Heald, Gordon H Heckert, Frank B Hendren, Owen S	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward, McNamara, William M.	East Lansi Lansi Lansi Lansi Lansi Lansi Lansi East Lansi (R) Lansi East Lansi Cansi Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward, McNamara, William M.	East Lansi Lansi Lansi Lansi Lansi Lansi Lansi East Lansi (R) Lansi East Lansi Cansi Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward, McNamara, William M.	East Lansi Lansi Lansi Lansi Lansi Lansi Lansi East Lansi (R) Lansi East Lansi Cansi Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward. McNamara, B. Edward. McNamara, William E. Meade, Wm. H. Mercer, Walter E. Miller, H. A. Morrison, C. V. Morrow, R. J. Myers, Victor C.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCory, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward. McNamara, William E. Meade, Wm. H. Mercer, Walter E. Miller, H. A. Morrison, C. V. Morrow, R. J. Myers, Victor C. Ochsner, P. J.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W Elmendorf, Edw. N English, Lena Feeney, Kenneth J Finch, Russell L. Folkers, Leonard M Fosget, W. W Galbraith, Dugald A. Gardner, C. B Goldner, R. E Hackman, Pearl Harris, Dean W Harris, Herbert W Harrison, W. H Harrold, J. F Heald, Gordon H Heckert, Frank B Hendren, Owen S Henry L. L. Hermes, Ed J Himmelberger, R. J Hodges, Kenneth P Holland, Charles F Huggett, Clare C Huntley, Fred M Hurth, M. S Isbister. John L	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson, Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCory, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward. McNamara, William E. Meade, Wm. H. Mercer, Walter E. Miller, H. A. Morrison, C. V. Morrow, R. J. Myers, Victor C. Ochsner, P. J.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson. Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry. Leland R McGillicuddy, Oliver B. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward. McNamara, William E. Meade, Wm. Mercer, Walter E. Miller, H. A. Morrison, C. V. Morrow, R. J. Mvers, Victor C. Ochsner, P. J. O'Sullivan, Gertrude. Pinkham, R. A. Place. Edwin H.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson. Kenneth E. Markin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry. Leland R. McGillicuddy, Oliver B. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward. McNamara, William E. Meade, Wm. H. Mercer, Walter E. Miller, H. A. Morrison, C. V. Morrow, R. J. Mvers, Victor C. Ochsner, P. J. O'Sullivan, Gertrude. Pinkham, R. A. Place, Edwin H. Ponton, J. Prall, H. J. Pronton, M. Pandall, O. M.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Lansing Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson. Kenneth E. Martin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry, Leland R. McGillicuddy, Oliver B. McGillicuddy, Oliver B. McGillicuddy, R. J. MeIntyre, J. E. McNamara, B. Edward. McNamara, William E. Meade, Wm. H. Mercer, Walter E. Miller, H. A. Morrison, C. V. Morrow, R. J. Myers, Victor C. Ochsner, P. J. O'Sullivan, Gertrude. Pinkham, R. A. Place, Edwin H. Pronton, J. Prall, H. J. Randall, O. M. Rector Frank I.	East Lansi
Lansing R) Harbor Beach Lansing Lansing Lansing Williamston Williamston East Lansing	Ingham C Ellis, C. W	Lansing	Lanting, Helen E. Lanting, Roelof. LeDuc, Don M. Ley, Wilfred. Loree, Maurice C. Lucas, T. A. Ludlum, L. C. Markuson. Kenneth E. Markin, Wayne O. McConnell, E. G. McCorvie, C. Ray. McCoy, Earl M. McCrumb, R. R. McElmurry. Leland R. McGillicuddy, Oliver B. McGillicuddy, Oliver B. McGillicuddy, R. J. McIntyre, J. E. McNamara, B. Edward. McNamara, William E. Meade, Wm. H. Mercer, Walter E. Miller, H. A. Morrison, C. V. Morrow, R. J. Mvers, Victor C. Ochsner, P. J. O'Sullivan, Gertrude. Pinkham, R. A. Place, Edwin H. Ponton, J. Prall, H. J. Pronton, M. Pandall, O. M.	East Lansi
	Traverse City Ithaca St. Louis St. Louis Edmore Ithaca Mt. Pleasant Ithaca Alma Mt. Pleasant Breekenridge Alma Hillsdale Montgomery Jonesville Hillsdale Houghton Houghton Houghton Houghton Houghton Houghton Hancock (L) Calumet (E) Mohawk Hubbell Houghton (E) Calumet Hancock Calumet Hancock	Traverse City Trautman, Frederick Evan Leuen, Fred Lamen B. J. Hobbs, A. D. Harringan, Wn. L. Hills B. C. Hall, B. C. Hammerber, Kuno Hill, B. C. Hammerber, Kuno Husham, Frederick Evan Leuen Hill, B. C. Hammerber, Kuno Husham, Frederick Evan Leuen Harringan, Wn. L. Hall, B. C. Hammerber, Kuno Hammerbe	Traverse City	Traverse City Tr

.

Rozan, Rozan, Russell Sander Sanford Schoff, Seger, Shaw, Sherma Sichler Smith, Snell,

Bird, Bracey Bunce, Bunce, Cook, Dunkin Flemin Fox, H Geib, Hansen Hanser

Adams
Ahroni
Alter,
Anders
Appel,
Baker,
Bartho
Beckw
Bindsh
Bullen
Chabu
Clarke
Cooley
Corley
Corley
Cox,
Culvei
DeMa
Demin
Dengli
Duroc
Edmoo
Ender Filip, Fintor Fisher Foust, Glove Gordo Green Grown Haber Hacket

Aach, Ander Alexa Andre Arms Banne Barak Barne Behar Renia Benne Berry Birch

Bodm Borgr Boys, Brow Caldy Cobb Cook Cran Craw Dahls Dana DeGI DenH DeW De

JUL

Rozan, J. S	Lansing
D M M	Lansing
nell Ciaude V(R) No	orthport
C des John F	Lansing
Conford Thomas M(E)	Lansing
Cahoff CharlesWill	iamston
Somer Fred L(L)	Lansing
Show Milton	Lansing
Sherman, G. AEast	Lansing
Ciables Harner G.	Lansing
Silverman, Irving E	Lansing
Silverman, Irving E	Mason
Snell. D. M	Lansing

Bird, Wm. L.	Greenville
Bracev. L. E.	Sheridan
Runce E. P.	Trufant
Bunce, Leo	Trufant
Cook, George Harvey	lonia
Dunkin, Lloyd S	Greenville
Fleming, J. C.	Pewamo
Fox, Harold M	Comon City
Hansen, Carl M.	Carson City
Hansen, M. M.	Greenville

rd ke na rg nt uis na on na nt

ns ile ile ile ile

ck on on on if. on m ck et se et

ng on og de

Adams, D. C	ackson
Ahronheim, J. H	lackson
Alter, R. H	ackson
Anderson, W. B	ackson
Appel, S	Jackson
Baker, G. M	.Parma
Bartholic, F. W	Homer
Beckwith, S. AStoc	kbridge
Beckwith, S. A. Stoc Bindshelder, Buell S. Bullen, G. R.	ackson
Bullen, G. R	ackson
Chabut, H. M.	ackson
Clarke, C. S	ackson
Cochrane, Wayne A	ackson
Cooley Randall M	lackson
Corley, C	lackson
Corley, Ennis	ackson
Cox, Ferdinand	Jackson
Culver, Guy D. Stoc	kbridge
DeMay, C. E	ackson
DeMay, John	ackson
Deming, Richard C	ackson
Dengler, C. R. Durocher, Normand E.	ackson
Durocher, Normand E	lackson
Edmonds, J. M	Horton
Enders, W. H.	ackson
Filip H. K.	fackson
Filip, H. K	lackson lackson
Filip, H. K Finton, Walter L Fisher, Joseph V	fackson fackson Chelsea
Filip, H. K. Finton, Walter L. Fisher, Joseph V.	Jackson Jackson Chelsea
Filip, H. K. Finton, Walter L. Fisher, Joseph V. Foust, W. L. Glover, H. G. (R)	fackson Jackson Chelsea ss Lake Jackson
Filip, H. K. Finton, Walter L. Fisher, Joseph V. Foust, W. L. Gradon, D. L. Gordon, D. L.	Jackson Jackson Chelsea ss Lake Jackson Jackson
Filip, H. K. Finton, Walter L. Fisher, Joseph V. Foust, W. L. Gradon, D. L. Gordon, D. L.	Jackson Jackson Chelsea ss Lake Jackson Jackson
Filip, H. K. Finton, Walter L. Fisher, Joseph V. Foust, W. L. G'over, H. G. (R) Gordon, D. L. Greenbaum, Harry. Growt. Bowers H.	fackson Jackson Chelsea ss Lake Jackson Jackson Jackson Jackson
Filip, H. K. Finton, Walter L. Fisher, Joseph V. Foust, W. L. Grover, H. G. (R) Gordon, D. L. Greenbaum, Harry. Growt, Bowers H. Habenicht, Hilda	fackson Jackson Chelsea ss Lake Jackson Jackson Jackson Addison Jackson
Filip, H. K. Finton, Walter L. Fisher, Joseph V. Foust, W. L. Gredon, D. L. Greenbaum, Harry. Growt, Bowers H. Habenicht, Hilda. Hackett, T. E.	Jackson Jackson Chelsea ss Lake Jackson Jackson Jackson Jackson Jackson Jackson
Filip, H. K. Finton, Walter L. Fisher, Joseph V. Foust, W. L. Grover, H. G. (R) Gordon, D. L. Greenbaum, Harry. Growt, Bowers H. Habenicht, Hilda	Jackson Jackson Chelsea ss Lake Jackson Jackson Jackson Jackson Jackson Jackson

Acch Hugo	Kalamaraa
Aach, Hugo	Kalamazoo
Andersen, Glenn C	Kalamazoo
Alexander, C. A	Kalamazoo
Andrews, Sherman	Kalamazoo
Armstrong, Robert J	Kalamazoo
Banner, Lawrence R	Kalamazoo
Armstrong, Robert J. Banner, Lawrence R. Barak, Herbert G.	Kalamazoo
Barnebee, J. W	Kalamazoo
Behan, Gerald	Galesburg
Barnebee, J. W Behan, Gerald Benjamin, Margaret	Kalamazoo
Rennett Charles I.	Kalamazoo
Bennett, Keith	Kalamazoo
Berry, J. F	Kalamazoo
Birch. William	Kalamazoo
Bodmer, H. C.	Kalamazoo
Borgman, Wallace	Kalamazoo
Boys, C. E. Brown, I. W.	Kalamazoo
Brown I W	Kalamazoo
Caldwell, Geo. H. (R)	Kalamazoo
Cobb Horace R	Kalamazoo
Cook, R. G.	Kalamazoo
Crane W R	Kalamazoo
Crane, W. B	Kalamazoo
Dahletrom Dorie	Kalamazoo
Dahlstrom, Doris Dana, Robert L	Kalamazoo
DeGroat, Albert	Kalamazoo
Decreat, Albert	Kalamazoo
DenBleyker, Walter DeWite, L. H. (R)	Kaiamazoo
Dewitt, L. H. (R)	Kaiamazoo
De Witt, Norman	Kalamazoo

Snyder, LeMoyne	Lansing
Snyder, Ruth Ellis	Lansing
Spaulding, Thomas	Lansing
Spaulding, Thomas Spencer, Perry	Lansing
Stanka, Andrew GGrand	Ledge
Stanley, Arthur L	Lansing
Steiner, S. D.	Lansing
Stiles, Frank	
Strauss, P. C	Lansing
Stringer, C. I	Lansing
Swartz, Frederick C	Lansing
Tamblyn, F. W	
Toothaker, Kenneth	Lansing

Ionia-Montcalm Counties

Haskell, Robert H	Northville
Hoffs, M. A	Lake Odessa
Hollard, A. E	Belding
Kelsey, L. E	
Lilly, Isaac S	Stanton
Marston, L. L.	Lakeview
McCann, John J	Ionia
Michmerhuizen, Robert E	
Murawa, V. J	Ionia
Pankhurst, C. T	Ionia
Peabody, C. H	
Reid, Harold E	Belding

Jackson County

Hanft, Cyril F	ingport
Hanna, R. J.	Jackson
Hardie, G. C.	Jackson
Harris, Lester I	Tackson
Hicks, Glen C.	Tackson
Holst, John B.	Tackson
Holstein, A. PMai	nchester
Hurley, H. L.	Jackson
Keefer, A. H	Concord
Kudner, Don F	Jackson
Landron, DanielMichigan	Center
Lathrop, Wm. W. (E)	Jackson
Leahy, E. O	Jackson
Lenz, C. R	Jackson
Leonard, Clyde A	Jackson
Lewis, E. F	Jackson
Linden, V. E	Jackson
Ludwick, J. E	Jackson
McGarvey, W. E	Jackson
Ludwick, J. E	Jackson
McLauthlin, Herbert B	Jackson
Meads, J. B	Jackson
Miller, J. L	Jackson
Miller, Samuel L	Jackson
Munro, C. D	Jackson
Munro, James E	Jackson
Munro, Nathan	Jackson
Murphy, B. M.	Jackson
Newton, R. E	Jackson
Olesky, S	lackson
O'Meara, James J	Jackson
Otis, Grant L	Jackson
Payne, Andrew K	Jackson
Munro, C. D. Munro, James E. Munro, Nathan. Murphy, B. M. Newton, R. E. Olesky, S. O'Meara, James J. Otis, Grant L. Payne, Andrew K. Phillips, G. H. Pier, C. T. Porter, H. W. Pray Frank F.	Jackson
Pier, C. T.	rooklyn
Porter, H. W.	Jackson
Pray, Frank F	Jackson

Kalamazoo County

Dowd, B. J	Kalamazoo
Doyle, F. M Ertell, Wm. Francis	Kalamazoo
Ertell. Wm. Francis	Kalamazoo
Farwell, Byron E	Kalamazoo
Fact R R	Kalamazoo
Fath, August F	Kalamazoo
Fopeano, John V	Kalamazoo
Fulkerson C B	Kalamazoo
Fulkerson, C. B. (L)	Kalamazoo
Fuller Paul	Kalamazoo
Fuller, Paul	Kalamazoo
Cildian Jarah	Kaiamazoo
Gilding, Joseph	Vicksburg
Goodhue, Lolita	Kajamazoo
Grant, Frederick E	
Green, William	Kalamazoo
Gregg, Sherman	Kalamazoo
Hayner, R. A Heersma, H. S	Kalamazoo
Heersma, H. S	Kalamazoo
Hildreth, R. C.	Kalamazoo
Hildreth, R. C	Kalamazoo
Hoebeke William G	Kalamazoo
Holder, Charles	Kalamazoo
Howard, H. S.	Kalamazoo
Howard, W. H.	Galesburg
Hubbell R. I.	Kalamazoo
Huyser William C	Kalamazoo
Hubbell, R. J. Huyser, William C. Irwin, William D.	Kalamazoo
Jackson, Howard C	Kalamazoo
Jackson, John B.	Kalamazoo
Jackson, John D	Kaiailiazoo

Trescott, Robert F	ansing
Trimby, Robert HI	ansing
Troost, F. L.	
Vander Zalm, T. P.	ansing
Venier, Joseph	Lansing
Wadley, R.	Lansing
Webb, Roy O	Okemos
Welch, William HAnn	Arbor
Wellman, John W	Lansing
Wilensky, Thomasl	
Wiley, Harold W	ansing
Willson, Howard S	Lansing
Wilson, Harry A	Lansing

Rice, Robert E	Greenville
Robertson, P. C	Ionia
Seidel, Karl E	Ionia
Slade, H. G	Ionia
Slagh, Milton E	
Snider, I. D.	Ionia
Socha, Edmund S	Ionia
Swift, E. R.	Lakeview
VanLoo, J. A	
Weaver, Harry B	Greenville
Whitten, R. R.	Ionia

Pray, George R.	ackson
Quirk, Edmund J	Chelsea
Ransom, F. G	ackson
Rice, John W	ackson
Riley, Philip A	ackson
Roberts, Arthur J. (E)	Detroit
Sargent, Leland E	ackson
Sautter, William	Horton
Schmidt, T. E	ackson
Scott, John A	ackson
Shaeffer, A. M.	ackson
Sill, Henry W.	ackson
Riley, Philip A. Roberts, Arthur J. (E) Sargent, Leland E. Sautter, William Schmidt, T. E. Scott, John A. Shaeffer, A. M. Sill, Henry W. Sirhal, Alfred M. Smith Dean W. B.	rooklyn
Southwick, W. ASpr	ingport
Stewart, L. L.	ackson
Stone, Ethon L	ackson
Sugar, Samuel	lackson
Susskind, M. V.	ackson
Tarley Poss V	ackson
Thomas E	ackson
Thelmer J F	ackson
Thompson John P. Man	Jackson
Thompson, Tom	Lackson
Torwick F T	lackson
Stone, Ethon L. Sugar, Samuel Susskind, M. V. Tate, Cecil E. Taylor, Ross V. Thayer, E. A. Thalner, L. F. Thompson, John R. Man Torwick, E. T. Townsend, J. W. Vandercoo Van Schoick, J. D.	Lake
Van Schoick, J. D. H	anover
Van Cahaish Enach	In almos
Van Wagnen, F. I.	lackson
Vivirski, Edward E	lackson
Wallace, Warren S	lackson
Wholihan, John W	Tackson
Wickham, W. A.	lackson
Van Wagnen, F. I. Vivirski, Edward E. Wallace, Warren S. Wholihan, John W. Wickham, W. A. Wilson, N. D. Winter, G. E.	ackson
Winter, G. E.	lackson

7 ' 117 0	77 1
Jennings, W. O	Kalamazoo
Kavanaugh, Wm. R	Kalamazoo
Kenzie, W. N. (L)	Richland
Kilgore, Robert Nelson	Kalamazoo
Jennings, W. O	Kalamazoo
Koestner Paul	Kalamazoo
Koestner, Paul Lambert, R. H	Kalamazoo
Lawarder Haward	Kalamazoo
Lavender, HowardLight, Richard Upjohn	Kalamazoo
Light, Richard Opjonn	Kalamazoo
Light, S. Rudolph Littig, John MacGregor, J. R	Kalamazoo
Littig, John	Kalamazoo
MacGregor, J. R	Kalamazoo
Machin, H. A	Kalamazoo
Malone James C	Kalamazaa
Margolis, Frederick I	Kalamazoo
Margolis, Frederick J Marshall, Don Marshall, Evelyn W	Kalamazoo
Marshall Evelyn W	Kalamazoo
Marshall William D	Kalamazoo
Marshall, William P McCarthy, J. S McIntyre, Charles HLos	Kalamazoo
McCarthy, J. S.	AKaiamazoo
McIntyre, Charles HLos	Angeles, Calif.
McNabb, A. A	Waterviiet
Moe, Carl Rex	Kalamazoo
Morter, Roy ANell, Edward R.	Kalamazoo
Nell, Edward R	Kalamazoo
Nibbelink, Benjamin	Kalamazoo
Olney, H. E	Leonidas
Patmos, Martin	Kalamazoo
Pearson, Edwin O	
Peelen, J. W.	Kalamazoo
recien, J. W.	Ixaiailiazoo

Peelen, Matthew	Kalamazoo
Perry Clifton	Kalamazoo
Prentice, Hazel R	Kalamazoo
Prothro. W. B	Kalamazoo
Pullon, A. E	Kalamazoo
Rasmussen, Leo	Visksburg
Rigterink, G. H	Kalamazoo
Rigterink, H. A. (L.)	Kalamazoo
Rockwell, Donald C	Kalamazoo
Rogers, T. P	Kalamazoo
Russell Stuart	Kalamazoo
Rvan, F. C.	Kalamazoo
Sage, E. D.	Kalamazoo
Scholten, D. L.	Kalamazoo

Scholten, Wm	Kalamazoo
Schrier, C. M	Kalamazoo
Schrier. Paul	Kalamazoo
Schrier, Thomas	Comstock
Scott, Wm. A	Kalamazoo
Shackleton, Wm. E. (R)	Kalamazoo
Shook R. W.	Kalamazoo
Siemsen, W. J. Simpson, B. W. Siek, W. E.	Kalamazoo
Simpson, B. W	Kalamazoo
Sisk, W. E.	Kalamazoo
Snyder, Roscoe F. (L)	Kalamazoo
Sofen, Morris B	Kalamazoo
Southworth, M. N	Schoolcraft
Stiller, A. F	Kalamazoo

Stryker, Homer HKalamazoo
Treshler, H. J. Oshtema
Upjohn, E. GiffordKalamazoo
Unjohn L. N. Kalamana
Van Urk, ThomasKalamazoo
Verhage, Martin DKalamazoo
Volderauer, John C. Kalamana
Westcott, L. E. Kalamazoo
Williamson, Edwin MKalamazoo
Wilbur, E. P. Kalamazoo
Youngs, A. SKalamazoo
Youngs, C. AKalamazoo
Zolen, MargaretKalamazoo

Van D Van H Vann, Van N Van't Van P Van R Van S Van S Van S

Best, Bishop Burley Chapi Dorlar

Abrah Allen, Blair, Bland Colba Claxte DeRy Dickn Hamn Hardy Heffre Heffre Helze

Coug Crane Duffy Finch

Boyc

Allen Bant Bark Bowe Brad Buck Crav Cror Curl Dud Enge Heir Isbe

Gran Han Kon Lali Lew

Ben Ber Ber Bur Bot Cas Coo Cor Dru Eliz Eric

Ju

Kent County

Adams F A	Grand	Rapids
Aitken, George T	Grand	Rapids
Albers, G. Donald	.Grand	Rapids
Alfenito, Felix S	Grand	Rapids
Allen, R. V	Grand	Rapids
Avery, Noyes L	Grand	Rapids
Baker Abel I	Grand	Rapids
Ballard M S	Grand	Rapids
Balveat, Gordon W	.Grand	Rapids
Barris, Ralph W	.Grand	Rapids
Beaton, James H	Grand	Rapids
Beeman, Carl B	.Grand	Rapids
Beets W Clarence	Grand	Rapids
Bell. Charles M.	Grand	Rapids
Benjamin, Howard G	.Grand	Rapids
Benson, Roland R	.Grand	Rapids
Bergsma, Stuart	Grand	Rapids
Beukema, Marenus	.Grand	Rapids
Blackburn Henry M	Grand	Rapids
Blorsom Paul W	Grand	Rapids
Boelkins, Richard C	Grand	Rapids
Boet, F. A	.Grand	Rapids
Boet, John	.Grand	Rapids
Boldyreff, Ephraim	Grand	Rapids
Bosch, L. G.	Byron	Center
Reace Fred	Grand	Ranida
Brayman, C. W(L)	Cedar	Springs
Brink, Russell	Grand	Rapids
Brook, Jacob D	L) Gra	ndville
Browning, Eugene C	Grand	Rapids
Brotherhood, J. S	Grand	Rapids
Busing O P	Grand	Rapids
Buist S. I.	Grand	Rapids
Bull, Frank L.		Sparta
Burleson, John S	.Grand	Rapids
Burling, Wesley M	.Grand	Rapids
Burroughs, Frank	Gra	ndville
Butler, Wm. J	Grand	Rapids Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J	Grand Grand Grand Grand	Rapids Rapids Rapids Rapids
Butler, Wm. J	Grand Grand Grand Grand	Rapids Rapids Rapids Rapids Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L)	Grand Grand Grand Grand Grand	Rapids Rapids Rapids Rapids Rapids Rapids
Burler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald.	Grand Grand Grand Grand Grand Grand Grand	Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K.	Grand Grand Grand Grand Grand Grand Grand Grand	Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi Harrison S.	Grand Grand Grand Grand Grand Grand Grand Grand Grand	andville Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G.	Grand	Andville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R.	Grand .Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand .Grand	Andville Rapids A, Ohio Rapids Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clayson, Carroll K. Claytor, R. W. Collisi, Harrison S. Colvin, W. G. Corbus, Burton R. Crane, Charles V.	Grand	andville Rapids Appids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corous, Burton R. Crane, Charles V. Crane, Harold D.	Grand	Andville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E.	Grand	andville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W.	Grand .Grand .Grand Grand Grand Grand Grand Grand .Grand	ndville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clayson, Carroll K. Claytor, R. W. Collisi, Harrison S. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. I.	Grand .Grand .Grand Grand Grand .Grand	Indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B.	GrandGrandGrandGrand GrandGrandGrandGrandGrandGrandGrandGrandGrandGrandGrandGrandGrandGrandGrand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas.	Grand .Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Clarence J.	Grand	ndville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd Gerald	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMagd, Richard J.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clavson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H.	Grand	indville Rapids Papids Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clavson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Clarence J. DeBoer, Clarence J. DeBoer, Clarence J. DeMol, Richard J. Denham, R. H. Denham, R. H. Denham, R. H. Denham, Robert H., Jr.	Grand An Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H. Denham, R. H. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Isla G.	Grand	indville Rapids Arbor Rapids Rapids Arbor Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clavson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMaagd, Gerald. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Joseph. Devree, Joseph. Devree, H.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clayson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Glayence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H. Denham, Robert H., Jr. DePree, Isla G. DePree, Joseph. Deurloo, H. W. DeVel. Leon.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clavson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeMol, Richard J. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Isla G. DePree, Joseph. Deurloo, H. W. DeVel, Leon. DeVel, Leon. DeVies, Daniel.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clavson, Carroll K. Claytor, R. W. Collisi, Harrison S. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H. Derree, Joseph. Deurloo, H. W. DeVel, Leon. DeVries, Daniel. DeWar, M. M.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Glarence J. DeBoer, Guy Wm. DeMagd, Gerald. DeMagd, Gerald. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Isla G. DePree, Joseph. Deurloo, H. W. DeVries, Daniel. DeWar, M. M. DeWey, Kent A.	Grand	ndville Rapids
Burler, Wm. J. Byers, Earl J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clayson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Clarence J. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Isla G. DePree, Joseph. Deurloo, H. W. DeVel, Leon. DeVries, Daniel. DeWar, M. M. Dewar, Kent A. DeYoung, Thies.	Grand	indville Rapids Sparta
Burroughs, Frank Butler, Wm. J Byers, Earl J Byrd, Mary Lou Campbell, Alex. M (E) Chamberlain, L. H. (L) Chandler, Donald Claytor, R. W Collisi, Harrison S Colvin, W. G Corobus, Burton R Crane, Charles V Crane, Harold D Cuncannan, M. E Currier, F. P Dales, Ernest W Dawson, Douglas Dawson, Douglas Dean, Alfred W DeBoer, Clarence J DeBoer, Clarence J DeBoer, Clarence J DeBoer, Guy Wm DeMol, Richard J Denham, R. H Denham, R. H Denham, Robert H., Jr DePree, Isla G DePree, Isla G DePree, Joseph Devise, Daniel DeWar, M. M DeWar, M. M DeWar, M. M DeWar, M. M Dewey, Kent A Dicke, Mark W Dicke, Mark W Dickey, Donald	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMaagd, Gerald. DeMan, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Joseph. DeVel, Leon. DeVries, Daniel DeWar, M. M. Dewey, Kent A. DeYoung, Thies. Dick, Mark W. Diskey, Donald. Diskey, Donald. Diskon, Willis L.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clavson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Glarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Isla G. DePree, Joseph. Deurloo, H. W. DeVel, Leon. DeVries, Daniel. DeWar, M. M. Dewey, Kent A. DeYoung, Thies. Dick, Mark W. Diskey, Donald. Dixon, Willis L. Doozema, Edward R.	Grand	indville Rapids
Burler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chamberlain, L. H. (L) Chandler, Donald. Clavson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H. Denham, R. H. Denham, R. H. Derree, Joseph. Deurloo, H. W. DeVel, Leon. DeVries, Daniel. DeWar, M. M. Dewer, Kent A. DeYoung, Thies. Dick, Mark W. Diskey, Donald. Diskon, Willis I. Doezema, Edward R. Dorran, Frank L.	Grand	indville Rapids
Burler, Wm. J. Byers, Earl J. Byrd, Mary Lou Campbell, Alex. M. (E) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald. DeMol, Richard J. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Joseph. Deurloo, H. W. DeVel, Leon. DeVies, Daniel. DeWar, M. M. Dewey, Kent A. DeYoung, Thies. Dick, Mark W. Diskey, Donald. Dixon, Willis L. Doozema, Edward R. Doran, Frank L. Drorate, James C.	Grand	indville Rapids
Burroughs, Frank Butler, Wm. J. Byers, Earl J. Byrd, Mary Lou. Campbell, Alex. M. (E) Chandler, Donald. Clawson, Carroll K. Claytor, R. W. Collisi, Harrison S. C. Colvin, W. G. Corbus, Burton R. Crane, Charles V. Crane, Harold D. Cuncannan, M. E. Currier, F. P. Dales, Ernest W. Damstra, H. J. Davis, D. B. Dawson, Douglas. Dean, Alfred W. DeBoer, Clarence J. DeBoer, Guy Wm. DeMaagd, Gerald DeMola, Richard J. Denham, R. H. Denham, R. H. Denham, Robert H., Jr. DePree, Joseph. DeVires, Daniel. DeVires, Daniel. DeWar, M. M. Dewey, Kent A. DeYoung, Thies. Dick, Mark W. Diskey, Donald. Dixon, Frank L. Droste, James C. Dubos, Wm. J. Ducy Edward F.	Grand	indville Rapids
Adams, F. A	Grand	indville Rapids

Eaton, Robert MGrand	Kapids
Eggleston, H. RGrand	Rapids
Fahlund George Grand	Rapids
Failing John F Crand	Danida
raning, John FGrand	Kapids
Fannatt, Fred LGrand	Kapids
Farber, Charles EGrand	Rapids
Fauet I W Grand	Panide
E.II. V	Rapius
Fellows, Kenneth EGrand	Kapids
Ferguson, Lynn AGrand	Rapids
Ferguson Ward S Grand	Rapide
E J T	Itapius
rerrand L	ockiora
Fitts, Ralph LGrand	Rapids
Flynn I D Grand	Ranida
Forter I C	Danida
Foshee, J. GGrand	Kapids
Frantz, Charles HGrand	Rapids
Fraiswyk Maluin I Grand	Panide
Freiswyk, Meivin JGrand	Rapids
Freyling, RobertBrooklyi	1, N. Y.
Fuller E. H. Grand	Ranide
C. T. C. T. C. C.	Kapius
Gamm, KennethGrand	Kapids
Gibbs, F. FGrand	Rapids
Cilbert P H ' Crond	Danida
Cill T. I C. C.	Kapius
Gillett, Frederick SGrand	Kapids
Grant, Lee O. Grand	Rapids
Crant Lucila P . Crand	Panide
Grant, Lucie KGrand	Kapius
Grass, Edward JGrand	Rapids
Graybiel, George Co	aledonia
Caiffel I S	Danid
Grand	Kapids
Hagerman, D. BGrand	Rapids
Hammond T. W (P) Grand	Panide
TT T TAIL	Rapius
Hayes, L. WHowa	ard City
Haves, Lawrence, IrHowa	ard City
Hostdarks Dawen Conne	Daniele
Heetderks, DeweyGrand	Kapius
Henry, James, JrGrand	Rapids
Herrick Ruth Grand	Rapids
Hill A Massas Const	Danida
rill, A. MorganGrand	Kapias
Hodgen, J. TGrand	Rapids
Holcomb I W Grand	Panide
Troicomb, J. WGrand	Kapius
Holdsworth, M. JGrand	Kapids
Holkeboer, Henry D. Grand	Rapide
Hollander Stephen Crand	Danida
Hollander, StephenGrand	Kapids
House, Glenn WGrand	Rapids
Hufford A R Grand	Ranide
Training, 71. It.	Rapids
Huderman, EdwardGrand	Rapids
Huderman, EdwardGrand Hyland, W. AGrand	Rapids Rapids
Huderman, EdwardGrand Hyland, W. AGrand	Rapids Rapids
Huderman, EdwardGrand Hyland, W. AGrand Jack, WilliamChic	Rapids Rapids ago, Ill.
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand	Rapids Rapids ago, Ill. Rapids
Huderman, Edward	l Rapids l Rapids ago, Ill. l Rapids l Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles Grand	Rapids Rapids ago, Ill. Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand	Rapids Rapids ago, Ill. Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles. Grand Jellema, J. F. Grand Jones, H. C. Grand	Rapids Rapids Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles. Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand	Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles. Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand	Rapids Rapids ago, Ill. Rapids Rapids Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand	Rapids Rapids ago, Ill. Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand	Rapids Rapids ago, Ill. Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall Eugene L. Grand	Rapids Rapids ago, Ill. Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Kelly.	Rapids Rapids ago, Ill. Rapids Rapids Rapids Rapids Rapids Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Klaus, C. D. Grand Grand Grand Grand Control of the control	Rapids Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Klaus, Grand Klaus, Grand G	Rapids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Knoistra, Henry P. Grand Grand Konistra, Henry P. Grand Grand Konistra, Henry P. Grand Grand Konistra, Henry P. Grand	Rapids Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand	Rapids ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Knoistra, Henry P. Grand Koon, William D.	Rapids Detroit
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kemdall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. (L) Grand Kremer, John (L) Grand Jarvis J. Grand J.	Rapids R
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jones, H. C. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Kiaus, C. D. Grand Kiaus, C. D. Grand Knoistra, Henry P. Grand Koon, William D. Kremer, John (L. Grand Kreuler, John (L. Grand Kreuler, H. J. Grand Kr	Rapids ago, III. Rapids ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jones, H. C. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kemmer, Thomas R. Grand Klaus, C. D. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John L. Grand Kremer, John L. Grand Kreulen, H. J. Grand Kreiskerd P. J. G	Rapids ago, III. I Rapids ago, III. I Rapids Rapids Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kemdall, Eugene L. Grand Kiniskern, P. W. Grand Knoistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John L. Grand Kreulen, H. J. Grand Kreikard, P. J. (L) Grand Kriekard, P. J. (L)	Rapids ago, Ill. Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jones, H. C. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kemdall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John L. Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Krupp, C. G. Grand Krupp, C. G. Grand Krupp, C. G. Grand Gran	Rapids Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Krewlen, H. J. Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Krupp, C. G. Grand Krand Grand Krupp, C. G. Grand Krand Grand Krupp, C. G. Grand Laird Robert G. Grand Jarvis	Rapids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand	Rapids Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Kriekard, P. J. (L) Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lamb, George F. (L) Grand Lamb, Geor	Rapids Agoids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lamning, N. E. Grand Grand Lanning, N. E. Grand Grand Lanning, N. E.	Rapids Aspids Aspids Aspids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Kreulen, H. J. Grand Krupp, C. G. Grand Krupp, C. G. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Grand Lanning, N. E. Grand Grand Lanning, N. E. Grand Grand Lanting, R. Grand R. Grand R. Grand Lanting, N. E. Grand Grand Lanting, M. E. Gra	Rapids Appids Appids Appids Appids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Grand Lentini, Joseph R. Grand Grand Lentini, Joseph R.	Rapids Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini,	Rapids Aspids Aspids Aspids Aspids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kemmer, Thomas R. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Kreulen, H. J. Grand Kriekard, P. J. (L.) Grand Krupp, C. G. Grand Laird, Robert G. Grand Lamb, George F. (L.) Grand Lamb, George F. (L.) Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Le Roy, Simeon Grand Lieffers, Harry Grand Grand Lieffers, Harry Grand Grand Lieffers, Harry Grand Grand Lieffers, Harry	Rapids Aspids Aspids Aspids Aspids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John L. Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lamb, George F. (L) Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lefters, Harry Grand Lighted Expedicit M. Grand Lighted Expedi	Rapids Appids Appids Appids Appids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jack, Charles Grand Jellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Kreulen, H. J. Grand Krickard, P. J. (L.) Grand Krickard, P. J. (L.) Grand Lard, Robert G. Grand Lard, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Le Roy, Simeon Grand Lindenfeld, Frederick H. Ann	Rapids Rapids ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarck, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kiaus, C. D. Grand Kiaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Krukard P. J. (L.) Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Leffers, Harry Grand Lindenfeld, Frederick H. An List, Carl F. Grand Grand Lindenfeld, Frederick H. An List, Carl F. Grand Grand Lindenfeld, Frederick H. An List, Carl F. Grand Grand Lindenfeld, Frederick H. An List, Carl F. Grand Grand Lindenfeld, Frederick H. An List, Carl F. Grand Grand Grand Lindenfeld, Frederick H. An List, Carl F. Grand Grand Grand Lindenfeld, Frederick H. An List, Carl F. Grand Grand Grand Lindenfeld, Frederick H. An List, Carl F	Rapids Aspids Aspids Aspids Aspids Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Kriekard, P. J. (L.) Grand Kriekard, P. J. (L.) Grand Kriekard, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lieffers, Harry. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Logie, James W. Grand Grand	Rapids Rapids ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarck, Charles Grand Jarvis, Charles Grand Jarvis, Charles Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John L. Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lamb, George F. (L.) Grand Lamb, George F. (L.) Grand Land, George F. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Logie, James W. Grand Logie, James W. Grand Logie, James W. Grand Logie, James G. Grand Logi	Rapids Appids Appids Appids Appids Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kenmer, Thomas R. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. F. Grand Lanning, George F. (L) Grand Lentini, Joseph R. Grand Lieffers, Harry. Grand Lieffers, Harry. Grand Liefters, James W. Grand Logie, James W. Grand Logie, James W. Grand Loranger, Guy L. Grand	Rapids Rapids ago, Ill. Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarck, Charles Grand Jarvis, Charles Grand Jarvis, Charles Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kiaus, C. D. Grand Kiaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Krewer, John L. Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Grand Le	Rapids Rapids ago, Ill. Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jarvis, Charles Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Logie, James W. Grand Loranger, Guy L. Grand Lyman, William D. (L) Grand MacDonald. Allen	Rapids Rapids ago, Ill. Rapids ago, Ill. Rapids
Eaton, Robert M. Grand Eggleston, H. R. Grand Fahlund, George. Grand Failing, John F. Grand Failing, John F. Grand Farler, Charles E. Grand Farber, Charles E. Grand Farber, Charles E. Grand Ferguson, Lynn A. Grand Ferguson, Lynn A. Grand Ferguson, Lynn A. Grand Ferguson, Ward S. Grand Ferguson, Ward S. Grand Ferguson, Ward S. Grand Ferrand L. R. Fitts, Ralph L. Grand Foshee, J. C. Grand Frantz, Charles H. Grand Freiswyk, Melvin J. Grand Freiswyk, Melvin J. Grand Freiswyk, Melvin J. Grand Grantz, Charles H. Grand Grantz, Charles H. Grand Gibbs, F. F. Grand Gilbett, R. H. Grand Gilbett, Frederick S. Grand Grant, Lucile R. Grand Grant, Lucile R. Grand Grant, Lucile R. Grand Hammond, T. W. (R) Grand Hayes, Lawrence, Jr. Howk Hayes, Lawrence, Jr. Howk Heetderks, Dewey. Grand Herrick, Ruth. Grand Herrick, Ruth. Grand Holdsworth, M. J. Grand	Rapids Ago, III. Rapids ago, III. Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kauss, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laning, N. E. Grand Laning, N. E. Grand Laning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand Lyman, William D. (L.) Grand MacDonell, James A	Rapids Ago, III. Rapids Ago, III. Rapids I Rapids Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jellema, J. F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Edward F. Grand Kenmer, Thomas R. Grand Kendall, Eugene I. Grand Klaus, C. D. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Leffers, Harry Grand Lieffers, Harry Grand Lieffers, Harry Grand Lieffers, Harry Grand Logie, James W. Grand Logie, James W. Grand Logie, James W. Grand Lognand, Milliam D. (L) Grand MacDonald, Allen MacDonald, Allen	Rapids Rapids ago, III. Rapids ago, III. Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand MacDonald, Allen MacDonald, James A. Grand Marsh, John P. Grand Marytis, Reuben (F. Grand Maritt, Reuben)	Rapids Agoids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kemmer, Thomas R. Grand Kendall, Eugene L. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Kreulen, H. J. Grand Krickard, P. J. (L.) Grand Krickard, P. J. (L.) Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lordenfeld, Frederick H. Ann List, Carl F. Grand Logie, James W. Grand Lyman, William D. (L.) Grand MacDonell, James A. Marsh, John P. Grand Maurits, Reuben. (E.) Grand MacMarsh, John P. Grand MacMarsh, Jo	Rapids Rapids ago, III. Rapids ago, III. Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jarvis, Charles Grand Jellema, J. F. Grand Jones, H. C. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kiaus, C. D. Grand Kiaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Krewer, John. (L.) Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand MacDonald, Allen MacDonald, Allen MacDonald, John P. Grand Marutts, Reuben (E) Grand Maynard, Mason S. Grand Maynard, Mason S. Grand Maynard, Mason S. Grand Marutts, Reuben (E) Grand (E) Gr	Rapids Rapids ago, Ill. Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Jellema, J. F. Grand Jellema, J. F. Grand Gellema, J. F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kenmer, Thomas R. Grand Kniskern, P. W. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Krewlen, H. J. Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Kriekard, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. F. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Logie, James W. Grand Logie, James W. Grand Logie, James W. Grand Logie, James W. Grand Loyman, William D. (L) Grand MacDonell, James A. Marsh, John P. Grand Marsh, John P. Grand MacDonell, James A. Grand Maynard, Mason S. Grand McCandliss, Robert Grand Grand McCandliss, Robert Grand Grand Grand McCandliss, Robert Grand McCandliss Robert McCandliss Robert McCandliss Ro	Rapids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarck, Charles Grand Jarck, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarck, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand Loranger, Guy L. Grand Loranger, Guy L. Grand MacDonald, Allen MacDonald, Allen MacDonald, Allen MacDonald, September G. Grand Maurits, Reuben (E. Grand Maynard, Mason S. Grand McCandliss, Robert Gran	Rapids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Kelly, Edward F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kenmer, Thomas R. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Krewlen, H. J. Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Logie, James W. Grand Lyman, William D. (L) Grand MacDonald, Allen MacDonell, James A. Marsh, John P. Grand Maurits, Reuben (E) Grand McCondiks, Robert Grand McCormick, John J. Grand McCarmick, John J. Grand McCa	Rapids Rapids ago, Ill. Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarck, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarck, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarck, Charles Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kiaus, C. D. Grand Kiaus, C. D. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John L. Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand Loranger, Guy L. Grand MacDonald, Allen MacDonald, Allen MacDonald, Allen MacDonald, Allen MacDonald, Malen Marsh, John P. Grand Maynard, Mason S. Grand Maynard, Mason S. Grand McCandliss, Robert Grand McCandliss, Robert Grand McCormick, John J. Grand McCormick, Jo	Rapids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kauss, C. D. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Lyman, William D. (L) Grand Logie, James W. Grand Lyman, William D. (L) Grand MacDonald, Allen. MacDonell, James A. Grand Marsh, John P. Grand Mavirts, Reuben (E) Grand McCormick, John Grand McKenna, I. L. Grand McKenn	Rapids Rapids ago, Ill. Rapids ago, Ill. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William. Chic Jaracz, W. J. Grand Jarvis, Charles Grand Jack, Charles Grand Gellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Jellema, J. F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kelly, Edward F. Grand Kenmer, Thomas R. Grand Kenmer, Thomas R. Grand Kond, Eugene L. Grand Kniskern, P. W. Grand Koon, William D. Grand Koon, William D. Kremer, John. (L.) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Leffers, Harry Grand Lieffers, Harry Grand Lieffers, Harry Grand Lieffers, Harry Grand Logie, James W. Grand Logie, James W. Grand Logie, James W. Grand MacDonald, Allen MacDonell, James A Marsh, John P. Grand Maynard, Mason S. Grand Maynard, Mason S. Grand McCandliss, Robert Grand McCormick, John Grand McCormick, John Grand McKenna, J. L. Grand McKenna,	Rapids Agoids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L.) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand Lyman, William D. (L.) Grand Lyman, William D. (L.) Grand MacDonald, Allen MacDonald, Allen Marsh, John P. Grand Marsh, John P. Grand Marsh, John P. Grand Marsh, John P. Grand McCandliss, Robert Grand McKenna, J. L. M. Grand McKenna, J. L. M	Rapids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kenmer, Thomas R. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Kriekard, P. J. (L) Grand Krupp, C. G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lendinid, Frederick H. Ann List, Carl F. Grand Lieffers, Harry. Grand Logie, James W. Grand Lyman, William D. (L) Grand MacDonell, James A. Grand MacDonell, James A. Grand Marsh, John P. Grand Marsh, John P. Grand Marsh, John Grand McCamick, John Grand McCormick, John Grand McCormick, John Grand McKenna, J. L. Grand McKenna, J. L. Grand McKenna, J. L. Grand McRae, John H. Grand McRae,	Rapids Agoids Ago, III. Rapids Ago, III. Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Laird, Robert G. Grand Laird, Robert G. Grand Laning, N. E. Grand Laning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand Loranger, Guy L. Grand Loranger, Guy L. Grand MacDonald, Allen MacDonald, Allen MacDonald, James A. Marsh, John P. Grand Marsh, John P. Grand Marynard, Mason S. Grand McCandliss, Robert Grand McCandliss, Robert Grand McCornick, John Grand McCornick, John Grand McKenna, J. L. Grand McKenna, J. L. Grand McKena, J. L. Grand McKena, Gayle H. Grand Mehney, Gayle H.	Rapids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Jellema, J. F. Grand Jellema, J. F. Grand Gellema, J. F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kelly, Edward F. Grand Kenmer, Thomas R. Grand Kenmer, Thomas R. Grand Kond, Eugene L. Grand Klaus, C. D. Grand Klaus, C. D. Grand Klaus, C. D. Grand Kooistra, Henry P. Grand Koon, William D. Krewlen, H. J. Grand Krewlen, H. J. Grand Krewlen, H. J. Grand Kriekard. P. J. (L.) Grand Kriekard. P. J. (L.) Grand Laird, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lentini, Joseph R. Grand Lieffers, Harry. Grand Lieffers, Harry. Grand Lindenfeld, Frederick H. Ann List, Carl F. Grand Logie, James W. Grand Loyman, William D. (L.) Grand MacDonell, James A. Grand MacDonell, James A. Grand Marsh, John P. Grand Marsh, John P. Grand McCandliss, Robert Grand McCandliss, Robert Grand McCandliss, Robert Grand McCandlis, John Grand McKenna, J. L. Grand McKenna, J. L. Grand McKenna, J. L. Grand McRae, John H. Grand McRae, John H. Grand McRae, John H. Grand Miller, L. Durch Gran	Rapids Ago, III. Rapids Ago, III. Rapids I Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarck, Charles Grand Grand, Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kendall, Eugene L. Grand Kniskern, P. W. Grand Kniskern, P. W. Grand Kooistra, Henry P. Grand Kooistra, Henry P. Grand Koon, William D. Kremer, John. (L) Grand Kreulen, H. J. Grand Kreulen, H. J. Grand Kriekard, P. J. (L) Grand Kriekard, P. J. (L) Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Lentini, Joseph R. Grand Lindenfeld, Frederick H. An List, Carl F. Grand Loranger, Guy L. Grand Loranger, Guy L. Grand Loranger, Guy L. Grand MacDonald, Allen MacDonald, Allen MacDonald, Allen MacDonald, James A. Grand Marsh, John P. Grand Marsh, John P. Grand Marsh, John P. Grand Maynard, Mason S. Grand McCardiks, Robert Grand McKinlay, L. M. Grand McKinlay, L. M. Grand McKinlay, L. M. Grand Mehney, Gayle H. Grand Melney, Gayle H. Grand Miller, J. Duane Gra	Rapids Ago, III. Rapids Ago, III. Rapids
Huderman, Edward Grand Hyland, W. A. Grand Jack, William Chic Jaracz, W. J. Grand Jarvis, Charles Grand Gellema, J. F. Grand Jones, H. C. Grand Kelly, Edward F. Grand Kelly, Edward F. Grand Kelly, Robert E. Grand Kelly, Robert E. Grand Kenmer, Thomas R. Grand Kenmer, Thomas R. Grand Kond, Eugene L. Grand Klaus, C. D. Grand Koon, William D. Grand Koon, William D. Krewer, John. (L.) Grand Krewlen, H. J. Grand Kriekard, P. J. (L.) Grand Kriekard, P. J. (L.) Grand Kriekard, Robert G. Grand Laird, Robert G. Grand Laird, Robert G. Grand Lanning, N. E. Grand Lentini, Joseph R. Grand Logie, James W. Grand Logie, James W. Grand Logie, James W. Grand Loyman, William D. (L.) Grand MacDonald, Allen MacDonell, James A. Marsh, John P. Grand MacDonell, James A. Grand McCandliss, Robert Grand McCandliss, Robert Grand McCandliss, Robert Grand McCandliss, Robert Grand McCandliss, L. M. Grand McKenna, J. L. Grand McKenna, J. L. Grand McKenna, J. L. Grand McRae, John H. Grand McRae, John H. Grand Miller, J. Duane.	Rapids Rapids ago, III. Rapids ago, III. Rapids I Rapids

1	
Miller, John J	Marne
Mitchell, H. C	Grand Rapids
Moen Cornetts G	Grand Rapids
Moleski, Joseph	Grand Rapids
Moleski, Stanley L	Grand Rapids
Moll, Arthur M	Grand Rapids
Morey, Edward C	Grand Rapids
Mulder, I. D.	Grand Rapids
Murphy, M. J	Grand Rapids
Nelson, A. RSa	n Francisco, Calif.
Northouse Peter R	(L) Grand Rapids
Notier, Victor	Grand Rapids
Oliver, W. W	Grand Rapids
Olson, John R	Grand Rapids
Patterson P. Wilfred	Grand Rapids
Payne, C. Allen	Grand Rapids
Pearson, Glenn A	Grand Rapids
Posthuma A F S	Grand Rapids
Posthuma, Millard	Ann Arbor
Postma, Edward Y	Grand Rapids
Pyle, Henry J	Grand Rapids
Ralph I. Paul	Grand Rapids
Reed, Torrance	Grand Rapids
Rigterink, J. W	Grand Rapids
Riley, G. L	Grand Rapids
Roberts Mortimer F.	(E) Grand Rapids
Robinson, Harold C	Grand Rapids
Rodgers, William L	Grand Rapids
Rosenzweig, Leonard	Grand Rapids
Schaubel Howard L.	Grand Rapids
Schermerhorn, L. J	Grand Rapids
Schnoor, E. W	Grand Rapids
Schuitema Donald	Grand Rapids
Sculley, Ray E	Grand Rapids
Sevensma, Elisha S	Grand Rapids
Sevensma, Eugene S	Grand Rapids
Shellman Millard W	Grand Rapids
Shepard, B. H	Lowell
Sherwood, J. Vincent	Grand Rapids
Sidell, Chester M	Grand Rapids
Slemons, C. C.	(L) Grand Rapids
Sluyter, J. S	Grand Rapids
Smith, A. B	Grand Rapids
Smith Ferris N	Grand Rapids
Smith, R. Earle	Grand Rapids
Smith, Robert B	Grand Rapids
Snyder, Clarence	Grand Rapids
Steffensen, W. H.	Grand Rapids
Stonehouse, G. G	Grand Rapids
Stover, Virgil E	Grand Rapids
Sugg Cullen F.	Grand Rapids
Sugyama, Titsuo	Grand Rapids
Sus Strong, Carl A	Grand Rapids
Swenson, H. C.	Grand Rapids
Ten Have I	Grand Rapids
Tesseine, A. J	Grand Rapids
Teusink, J. H	Cedar Springs
Thompson, A. B	Grand Rapids
Thompson, Edw	Grand Rapids
Thompson, Frank D	Grand Rapids
Thompson, P. L	Grand Rapids
Tiffany, Jos. C.	Grand Rapids
Torgerson, Wm. R	Grand Rapids
Truog, Clarence P	Grand Rapids
Van Belois, Harvard J	Grand Rapids
Vanden Berg, Henry I.	Grand Rapids
Miller, John J. Mitchell, H. C. Mitchell, W. B. Mitchell, W. B. Moen, Cornetta G. Moleski, Joseph. Moleski, Joseph. Moll, Arthur M. Morey, Edward C. Moll, Arthur M. Morey, Edward G. Mouw, Dirk. Mulder, J. D. Murphy, M. J. Nelson, A. R. San Noordewier, Albert. Northouse, Peter B. Notier, Victor. Oliver, W. W. Olson, John R. Osborn, Howard. Payne, C. Allen. Pearson, Glenn A. Pedden, J. R., Jr. Posthuma, A. E. Sosthuma, Millard. Posthuma, A. E. Sosthuma, Millard. Reed, Torrance. Rigterink, J. W. Riley, G. L. Ragsdale, L. V. Ralph, L. Paul. Reed, Torrance. Rigterink, J. W. Riley, G. L. Roborts, Mortimer E. Robinson, Harold C. Roderts, Mortimer E. Robinson, Harold C. Roderts, William L. Sosenzweig, Leonard. Roch, Emil M. Schaubel, Howard J. Schaubel, Howard J. Schenor, E. W. Schnute, Louise F. Schuitema, Donald. Sculley, Ray E. Sevensma, Elisha S. Sevensma, Elisha S. Seveny, L. E. Sevensma, Eugene S. Sevey, L. E. Shellman, Millard W. Shepard, B. H. Sherwood, J. Vincent. Sidell, Chester M. Somith, Edwin M. Smith, R. Earle. Smith, R. Earle.	Grand Rapids

	ROSTE	1317		
- D - II I Grand Pa	pids Van Zwaluwenburg, I	Rani P	Wenger John N	Cooperuille
Van Duine, H. JGrand Ra	pids van Zwaiuwenburg, i	Grand Rapids	Wenger, John N Whalen, John	Oakland, Calif.
Van Duine, H. J. Grand Ra Van Harn, R. S. Grand Ra Vann, N. S. Grand Ra	pids Veldman, Harold E	Grand Rapids	Whinery, Joseph B	Grand Rapids
Van Noord Gelmer A	pids venema, J. R	Grand Rapids	Whinery, Joseph F Willits, P. W	Grand Rapids
vr. 24 Llof A Grand Ra	pids Ver Meulen, John	Grand Rapids	Willits, P. W	Grand Rapids
Van Pernis, Paul AGrand Ra Van Reken, H. EverettSp	arta Vvn. I. D.	Grand Rapids	Wilson, Wm. E(Grand Rapids
Van Solkema, AndrewGrand Ra	pids Webber, Jerome	Grand Rapids	Wright, Thomas B	Grand Rapids
Van Solkema, ArthurGrand	ville Wedgewood, L. G	Grandville	Wurz, John F	Grand Rapids
Van Woerkom, DanielGrand Ra	pids Wells, Merrill	Grand Rapids	Yegge, J. P	Kent City
	Wenger, A. V	Grand Kapids		
	Lapeer (County		
Best, Herbert MLa	peer Doty, James R	Laneer	Rehn, Adolph T	Lonear
Richon G. CAln	ont McBride, I. R		Smith. G. L.	Imlay City
Burley, David H(E) Aln	nont Merz. Henry G	(E) Lapeer	Thomas, J. Orville Zemmer, H. B.	North Branch
Chapin, Clarence DColumbia	ville O'Brien, Daniel J	Lapeer	Zemmer, H. B	Lapeer
Dorland, ClarkeLa	peer raimer, Fred w	Lapeer	Zolliker, Carl R	Imlay City
	Lenawee	County		
Abraham, A. OHug	dson Hewes, A. B	Adrian	Miller, Perry Lynford	Adrian
Allen, R. AAd	rian Hewes William	Adrian	Morden, Esli T	Adrian
Blair. Thomas HAd	rian Hinshaw, W. V	Adrian	Pasternacki, Arthur S	Adrian
Blanchard, L. E. Hue	dson Hornsby W. B	Clinton	Patmos, Bernard	Adrian
Blanden, Merwin RTecum	nseh Howland, F. A	Adrian	Purfield, Wm Raabe, E. C	Clinton
Colbath, W. EAd	rian Huntley, H. Ctton Isley, H. E	Rlissfield	Rogers I D	Morenci
Claxton, W. T. Bri DeRyke, Gilbert R. Ad	rian Jewett, Wm. E., Jr.,	Adrian	Rogers, J. D Sayre, Phillip P Spalding, A. L	Onsted
Dickman, Harry MHue	dson Lamley, A. E	Blissfield	Spalding, A. L	Hudson
Dickman, Harry MHue Hammel, H. HTecur	nseh Loveland, Horace H	Tecumseh	Stafford, Leo Tubbs, R. V	Adrian
Hardy, P. BTecur		Adrian	Tubbs, R. V	Blissfield
Heffron, Charles Ad Heffron, Howard H. Ad	rian Mast, W. H	1 ecumsen	Van Dusen, C. A	Blissfield
Helzerman, Ralph FTecur	rian McCue, Francis J., J nseh Marsh, R. G. B	Tecumseh	Whitehouse, L Wynn, G. H	Adrian
,	-		. ,	
	Livingston	County		
Coughlin, Florence JHo	well Glenn, Bernard H	Fowlerville	Lieber, R. W	Howell
Crandell, Claire HHo	well Hendren, J. J	Fowlerville	McDowell, Guy Marsha	llHowell
Duffy, Ray MPinch Finch, E. DHo	kney Hill, Harold C	Howell	Sigler, Hollis L	Howell
Finch, E. DHo	well Hendren, J. J kney Hill, Harold Cwell Huntington, H. G Laboe, Edward W	HowellHowell	Whitehouse, Walter M	Howell
		/		
	Luce C	ounty		
Boyce, George HNewb	Gibson Robert E	Nawberry	Surrell Mathew A	Namhann
Campbell, Earl HNewb	erry Koss, Frank R	Newberry	Surrell, Mathew A Swanson, George F	Newberry
	Purmort, William R.,	JrNewberry		
	Macomb	County		
		•		
Allen, Leroy KRose	ville Jewell, James H	Roseville	Scher, Joseph N	
Barker, John G	nond Juliar, Joseph F Line Kane, Wm. J	Mt. Clemens	Scher, Sydney Siegfried, E. G	Mt. Clemens
Bower, A. BArm	nada Lynch, Russell	Center Line	Singer, Nelson	East Detroit
Brady, Milo JSt. Clair St	ores Moore G F	Mt Clemens	Singer, Nelson Smith, Milton C	Mt. Clemens
Buckley, D. JMt. Cler	nens Mulligan, P. T meo Reichman, Joseph J nens Reitzel, R. H	Mt. Clemens	Stone, Elizabeth A	Romeo
Croman, Joseph M., JrMt. Cler Croman, Joseph M., JrMt. Cler Croman, Jos. M., Sr(E) Mt. Cler Curlett Lames F.	meo Keichman, Joseph J	Mt. Clemens	Sturm, Fred A	St. Clair Shores
Croman, Joseph M., Jr	nens Revere I O	Mt. Clemens	Thompson, A. AUllrich, R. W	Mt. Clemens
Curlett, James E(L) Rose	ville Rivard, Charles L	Grosse Pointe Woods	Wellard Henry C	New Raltimore
Curlett, James E(L) Rose Dudzinski, Edmund JNew Baltin	nens Revere, J. O	Detroit	Whitley, Alec	St. Clair Shores
Engels, J. ARichn	nond Ruedisueli, Clarence A	1Roseville	Wilde, M. M	Warren
Engels, J. A	mens Rothman, A. M Line Salot, R. F	Mt Clemens	Wolfson Victor H	Mt Clamons
sooy, Edward R	Date, R. T.	vit. Cienens	wonson, victor H	Mt. Clemens
	Manistee	County		
Grant, C. LMan		•	Onibria C D	** **
Hansen E. C. Man	istee Miller E B	Manistee	Ogilvie, G. D Quinn, Henry M	Manistee
Konopa, John F. Man	istee Murphy, Frank E	Cadillac	Ramsdell, Homer A	Manistee
Konopa, John F. Man Lalime, Ruth E. Bear Lewis, Lee A. (E) Man	istee Murphy, Frank E Lake Norconk, Ward H	Bear Lake	Switzer, Lars W	Manistee
Lewis, Lee A(E) Man	istee Oakes, Ellery A	Manistee		
	Marquette-Al	ger Counties		
Populati Anthon P				
Bennett, Arthur KMarqu	untte Harris P C		Nicholson, J. B	Marquette
Berry, Robert FMarqu	uette Harsh, R. C	Ishpeming	Niemi, O. I	Marquette
Bertucci I P Ishner	ming Hirwas C. I.	Marquette	Paine, Raymond Lee Paull, Frank O Schweinsberg, Sara D Serbst, Charles	Marquette
Burke, R. A. Nega Bottum, Charles N. Marqi Casler, W. L. Marqi	unee Hornbogen, D. P	Marquette	Schweinsberg, Sara D.	Marquette
Corles NMarqu	lette Howe, L. W	Marquette	Serbst, Charles	Marquette
Cooperstock M	nette Keskey, George I	Marquette	Sicotte, Isaiah	Michigamme
Cooperstock, M. Marqi Corcoran, W. A. Ishpei Drury, Chas. P. Marqi	ming Lambert W C	Marguette	Sicotte, Isaiah Talso, Jacob Van Riper, Paul	Champia
Drury, Chas. P. Marque	LeGolvan, C	Marquette	Waldie, George McLeon	Ishpeming
Elizinga, E. R. Marque	mette McCann, Neal J	Marquette	Wickstrom, Geo Williams, R. G	Munising
Erickson, Arvid WIshper Fennig, F. AMarq	dette Knudson, George ming Lambert, W. C Lette LeGolvan, C ming Mudge, W. A Mudge, W. A Narotzky, Archie S	Negaunee	Williams, R. G	Ishpeming
I 1047	Maiotzay, Archie S	supeming		
100000 16147				

Mason County

		Mason Cou	nty		
Blanchette, Victor J Comodo, Nicholas M Fenneman, Robert J Goulet, L. J	ScottvilleScottvilleScottvilleLudington	Hoffman, Howard Hunt, Ivan L Lintner, Roy C Martin, Wm. S	Scottville	Ostrander, R. A	Ludington
		Mecosta-Osceola-La	ke Counties		
Bruggema, Jacob	Evart	Kilmer, Paul B	Reed City	Peck, Louis K	Lake City
Chess, Leo F	Reed City	MacIntyre, Donald Merlo, F. A	Big Rapids	Treynor, Thomas P	Big Rapids
Franklin, Benjamin L Ikovich, Paul	Reed City	Nelson, Lorenzo	Baldwin	Yeo, Gordon H	Big Rapids
	N	Medical Society of North	Central Counti	es	
Clippert, C. G Coulter, Keith Douglas		Harris, Levi A Jardine, Hugh M	(E) Gaylord	McKillop, G. L Palm, Geo	Gaylord
Drescher, Geo. A	Lewiston	Keyport, C. R	Grayling	Peckham, Richard	Gavlord
Egle, Joseph LForney, F. A		Martzowka, M. A	West Branch	Peterson, Carl A Stealy, Stanley	Phoenix, Ariz. Grayling
		Menominee C	ounty		
Brukhardt, Herman R		Jones, Wm. SKaye, J. T	Menominee	Sawbridge, Edward	(E) Stephenson
Dewane, F. J Flanagan, Clarence B	Menominee	Kaye, J. T Kerwell, K. C	Menominee	Schroeder, J. M Sethney, Henry T	Menominee
Glickman, L. Grant Heidenreich, John R	Menominee	Peterson, A. R Sanford, Joseph	Daggett	Towey, J. W	Powers
	,	Midland Co	unty		
Bowsher, Robert E	Midland	Grewe, N. C	Midland	Meisel, Edward H	Midland
Bulmer, Dan J Buskirk, Maurice D	Midland Midland	Hautau, Emily Ittner, Martin	Midland	Pike, Melvin H Rice, Robert E	Midland
Gav. Harold H	Midland	Linsenmann, Karl W	Midland	Sherk, J. H. Towsley, W. D.	Midland
Gordon, Harold L	Midland	Linsenmann, Karl W MacCallum, Charles Maynard, W. A	Coleman	Towsley, W. D	Midland
		Monroe Co	unty		
Acker, Wm. F	Monroe	Gelhaus, Wm. J	Monroe	McGeoch, R. W	Monroe
Balk A. C.	Monroe	Heffernan, John F	Carleton	McMillin, J. H Meck, H. L	Dundee
Barker, Vincent L	Monroe	Hensel, Hilda Hunter, M. A	Monroe	Newcomer, Sheldon R Parmelee, O. E Pinkus, Herman Reisig, A. H	Monroe
Bond, W. W.	Monroe	Johnson, A. Esther Kelso, S. Newton, Jr Landon, Herbert W Long, Edgar C	Monroe	Pinkus, Herman	Monroe
Brancheau, L. T Cigany, Zoltan B	Petersburg	Landon, Herbert W	Monroe	Sanger, Emerson J	Monroe
Dusseau, S. V	(E) Erie	Long, Edgar C	Monroe	Tomlinson, Ledyard	Newport
Ewing, R. TFlanders, J. PFrary, R. A	Monroe	Long, Sara Mather, C. B	Monroe	Wagar, Spencer Williams, Robert J	Monroe
Frary, R. A	Monroe	McDonald, T. A	Monroe	Williams, Robert J Williamson, G. W	Dundee
		Muskegon Co	•		
Anderson, A. J	Muskegon Lakewood Club	Garber, F. W., Jr Garland, J. O Gillard, James Goltz, Martha	Muskegon Muskegon	Medema, Paul Meengs, M. B	Muskegon Muskegon
August, R. VMu Barnard, Helen	skegon Heights	Gillard, James	Muskegon	Meengs, M. B Miller, Philip L Morford, F. N	Muskegon
Bate L. C.	Muskegon	Greene, Henry Phillip	Muskegon	Mulligan, A. W	Muskegon
Beers, Charles Mu Benedict, A. L	skegon Heights Muskegon	Griffith, Robert M Hagen, William A	Muskegon Muskegon	Oden, Constantine L Petkus, Antonie	Muskegon Muskegon Heights
Bloom, C. J Boyd, D. R	Muskegon	Hannum, F. W Harrington, A. F	Muskegon	Pattic Emmett	Muckagan
		Harrington, R. J.	Muskegon	Powers, Lunette Price, Leonard Pyle, H. J Risk, R. A	Muskegon
Bradshaw, Park S Christophersen, J. W Clapp, Henry W	Muskegon	Harrington, R. J Hartwell, S. W Heneveld, Edw. H	Muskegon	Pyle, H. J.	Muskegon
Clapp, Henry W	Muskegon	Heneveld, John	Muskegon	RISK, RODERT D	Muskegor
Closz, H. FCohan, Sol G	Muskegon	Holly, Leland E Holmes, Roy Herbert		Schollen, W Sears, Richard	Muskegon Height:
Dasler, A. F.	Muskegon	Joistad, A. H	Muskegon	Shebasta, Emil	Muskegor
Derezinski, Clement F Diskin, Frank		Kane, Thomas J	Muskegon	Smith, Luther Swartout, W. C	Muskegor
Douglas, Robert	Muskegon	Keilin, Marie	Muskegon	Teifer, Charles A	Muskegor
Durham, C. J Dykhuisen, Harold D	Muskegon	Keilin, Marie Kerr, H. J Lange, E. W	Muskegon	Thieme, S. W	Ravenna
Eckerman, C. T	Muskegon	Lauretti, Emil	Muskegon	Toy, Charles	Muskegor
Fillingham, EnidFleisch, C. B	Muskegon	Laurin, V. Samuel Lefevre, Louis	Muskegon	Wiersma Silas C	Muskegor
Fleishman, Norman	Muskegon	Lefevre, Wm. M Loder, Leonel Lewis	Muskegon	Wilke, C. A.	Montagu
Fleishman, Norman Foss, Ed. O	Muskegon	Loomis, John L	Muskegon	Toy, Charles	Muskegon Height: Muskegor
	*	Newaygo Co	ounty		
Deur, T. R		Klain I Paul	Fremont	Stryker, O. D.	Fremont
Geerlings, Lambert	Fremont	Masters, Brooker L Moore, H. R O'Neill, J. W	Fremont	Tompsett, Arthur C Tompsett, Arthur C., Jr	Hesperia
		O'Neill, J. W	White Cloud	Ji	
846					JOUR. MSMS

Alm, Beuke Blum, Burns Chapi Conkl Conti. Conw Duffie Elliott

Flin Has Hay

Ben

Bar Blo Blo Cla Coo De De Ha Ha

An Ba Ba

Ju

		Northern Mic	chigan		
Alm, Bernhard T	Petoskev	Gervers, J. H. R	Bellaire	McMillan, Fraley	Charlevoix
nhar Rernard	f.ast lordan	Grate L.	Charlevoix	Palmer, Russell	St. James
plan Rent B	Petoskev	Hegener, A. J Kennedy, Julien C Larson, Walter E	Petoskey	Parks, W. H	Petoskey
Burns, Dean C	(F) Chebovgan	Larson Walter F	Cheboygan	Rodgers John	Mackinaw City
Conkle, Guy C	Boyne City	Lashmet. Floyd H	Petoskey	Saltonstall, Gilbert B	Charlevoix
Conti. Joseph	Petoskey	Lashmet, Floyd H Lentini, Nicholas	Cheboygan	oungnam, J. R	Chebbygan
Conti, Joseph Conway, Wm. S Duffie, Don Hastings	Petoskey	Lilga, Harris V	Petoskey	Trudeau, J. M	Cheboygan
Duffie, Don Hastings Elliott, E. James	Central Lake	Litzenburger, A. F Mayne, Frederick C	Chebovgan	Van Dellen, Jerrian	East Jordan
Frank, Gilbert E	Harbor Springs	McClintock, Robert S		Weberg, Kathryn Wood, George H	Onaway
Frank, Gilbert E		incommon, acoust on		1	
		Oakland Co	ounty		
Abbott, V. C	Pontiac	Gibson, Wellington C		Olsen, Richard E Pauli, Theodore H	Pontiac
Arnkoff Harry	Pontiac	Gill, Matthew J	Pontiac	Pauli, Theodore H	Pontiac
Aschenbrenner, Z. R Baker, Frederick A	Farmington	Grant, William AGreen, James D	Rismingham	Porritt Ross I	Hazel Park
Boker Robert H.	Pontiac	Green, Wm. M	Pontiac	Pelletier, Charles J Porritt, Ross J Ports, Preston W	Farmington
Bannow, Robert J	Pontiac	Hackett Daniel Ios	Postiac	Prather, Frank W H Prevette, Isaac C Raynale, George P	untington Woods
Barker, Howard B	Pontiac	Haddock, D. A	Walled Lake	Prevette, Isaac C	Pontiac
Barrow, Winona M Bauer, Edward G	Pontiac	Halsted, Lee HHammonds, E. E.	Rirmington	Riggs, Harry L	Birmingham
Bauer, Ernest W	Hazel Park	narvey, Campbell	Fontiac	Riker, Aaron D	Pontiac
Beattie, W. G	Ferndale	Hassberger, J. B	Birmingham	Roehm, Harold	Birmingham
Beck. Otto O	Birmingham	Hathaway, Clarence L Hathaway, William	Lake Orion	Rowley, Laurie G Russell, Vincent P Ruva, Joseph	Drayton Plains
Berkaw, Kenneth A	Pontiac	Henry, Colonel R		Russell, Vincent P	Koyal Oak
Boucher, R. E	Royal Oak	Hensley, C. B.	Lake Orion	St. John, Harold A.	Pontiac
Buehrig, Robert C	Clarkston	Hensley, C. B Howlett, E. V Hoyt, D. F	Pontiac	St. John, Harold A Schlecte, Carl	Rochester
Burke, Chauncey G Butler, Samuel A	Pontiac	Hubert John B	Pontiac	Schlecte, Eve Miriam	Rochester
Calhoun, Ethel T	Birmingham	Hubert, John R	Auburn Heights	Schuneman, Howard Shadley Maxwell	Pontiac
Cameron, Donald A	Royal Oak	Hume, T. W. K Hunt, Homer H	Pontiac	Shadley, Maxwell Sheffield, L. C	Pontiac
Carr, Wm. H Christie, Edward	Holly	Hurst, Daniel D Hutchinson, W. G	Pleasant Ridge	Sibley H. A.	Pontiac
Christie, Edward	Pontiac	Hutchinson, W. G	Bloomheld Hills	Simpson, E. K	Pontiac
Christie, J. W	Pontiac	Kemp, Felix J Kemp, W. Lloyd	Birmingham	Smith, Donald S	Pontiac
Cobb, Thomas H	Pontiac	Koehler William H.	Royal Oak	Smith, Ellen	Pontiac
Cole, Marvin		Lambie, John S	Birmingham	Spencer, Lloyd H	
Cooper Robert I	Pontiac	Larson R. T.	Pontiac	Spoehr, Eugene L Spohn, Earl W	Royal Oak
Cooper, Robert J Crissman, Harold C	Ferndale	Lambert, Alvin Gerald Larson, B. T Lewis, S. M	Ferndale	Stageman, John Condon	
Cudney, Ethan B	Pontiac	Lockwood C E	Holly	Stahl, Harold F	
Dahlgren, Carl Darling, C. G., Jr	Keego Harbor	Mackenzie, O. R	Royal Oak	Starker, Clarence T	
Deutsch, Wm. LH	untington Woods	Markley, John Martin	Pontiac	Steinberg, Norman	Royal Oak
Deutsch, Wm. LHu Dobski, Edwin J	Pontiac	Mason, Robert J	Birmingham	Steinberg, Norman Stolpman, A. K	Birmingham
Ekelund, Clifford 1	Pontiac	McConkie, J. P McEvoy, Francis J McNeill, H. H	Birmingham	Sutton Palmer E	Royal Oak
Farnham, Lucius Augustin Ferris, Ralph G	Rirmingham	McNeill H H	Pontiac	Swickle, Edward F	Ponting
Fitzpatrick, Francis	Pontiac	Mehas, C. P	Pontiac	Tauber, A Tuck, Raymond G	Pontiac
Foust, Earl W	Hazel Park	Mercer, Frank A	Pontiac	Uloth, Milton J	Ortonville
Francis, Donald		Merrill, Lionel N		Van Holtern, H. L Wagley, P. V	Pontiac
Furlong, Harold A	Pontiac	Mershon, R. B Mitchell, B. M	Pontiac	Wagner, Ruth E	Royal Oak
Gariepy, Bernard F	Royal Oak	Monroe, John D Morton, James A Neafie, Chas. A	Pontiac	Wake, Douglas L	Royal Oak
Gatley, C. R	Pontiac	Morton, James A	Pontiac	Warner, J. F Watson, Thomas Y	Pontiac
Geib, Ormond D	Rochester	Newcomb, Arnold B	Rerkley	Williams, John P	Birmingham
Gehringer, Norman F		Norup, John	Berkley	Young, Arthur R	
Gerls, Frank B		Nosanchuk, Joseph	Pontiac	3,	
14		Oceana Co	ounty		*
711 . (1)	** .			D. I. W. G. I	
Flint, CharlesHasty, Willis A	Shelby	Heard, Wm Jensen, Viggo	Shelby	Robinson, W. Gordon	Shall
Hayton, A. R.	Shelby	Munger, L. P Nicholson, John H	Hart	Ryan, Wm. J Wood, Merle G	Hart
		Nicholson, John H	Hart		
		Ontonag	on County		
	**		•		
Bender, Jesse L	Mass	Hogue, H. BRubinfeld, S. H	Ontonagon	Strong, W. F	Ontonagon
		Ottawa C	ounty		
Barrett, C. Dale	Grand Haven	Harms, H. P	Holland	Schrick, Edna C	Holland
Beernink, E. H.	Grand Haven	Kemme, Gerrit	Zeeland	Ten Have, Ralph	Grand Haven
Bloemendaal, D. C Blomendal, W. B	Zeeland	Kitchel, John Kitchel, Mary Kools, William Clarenc	Grand Haven	Timmerman E C	Coopersville
Boone Correling F	Grand Haven	Kitchel, Mary	Grand Haven	Van Appledorn, Chester	JHolland
Boone, Cornelius E Clark, Nelson H	Holland	Leenhouts, Abraham	Holland	Van Der Berg, E Vander Velde, O Wells, Kenneth	Holland
Cook, Carl S	Holland	Leenhouts, Abraham Long, C. E	Grand Haven	Wells, Kenneth	Spring Lake
DeVoung Fred	Spring Lake	Nichols, Rudolph H	Holland	Westrate, William	Holland
DeYoung, Fred Hager, Ralph	Hudsonville	Nykamp, Russell Presley, Wm. J	Grand Haven	Westrate, William Winter, John K Winter, Wm. G Yonkman, F. F	Holland
Hamelink, M. H	Holland	Schalftenaar, A. H	l lolland	Yonkman, F. F	Madison, N. J.

..Saginaw ..Saginaw ..Saginaw ..Saginaw

d e d

Butler, M. GButton, A. C	Saginaw	Jordan, Leo A Kemp, J. N	Saginaw	Nelson, Oscar A Nicholas, Mildred	Saginaw
lady F I	Saginaw	Kampton R M	Saginaw	Northway, Robert O	Saginaw
ameron, Allen K	Saginaw	Kerr, William	Saginaw	Novy, F. O	Saginaw
ampbell, L. A	Saginaw	Klippen Asthus I	Saginaw	Olson, Porter Ostrander, Frank W	Saginaw
ameron, Allen K	Kenmore, N. Y.	Kowals, F. V.	Saginaw	Phillips, Homer A	Saginaw
daytor, A. A	Saginaw	Kerr, William	Hemlock	Phillips, Homer A Pietz, Frederick	Saginaw
ortopassi, Andre	Saginaw	Ling, Kenneth C	Hemlock	Pillsbury, Edward A	Frankenmuth
ortopassi, V. Eory, C. W	Saginaw	Lohr, O. W	Saginaw	Potvin, Clifford D	Saginaw
curts, James	Saginaw	Longstreet, Martha L Luger, F. E Lurie, Robert Lyle, R. C	Saginaw	Poole, Frank A Richards, Ned W Richter, Harry J	Saginaw Saginaw
Durman, Donald C	Saginaw	Lurie. Robert	Saginaw	Richter, Harry I	Saginaw
Durman, Donald C	Saginaw	Lyle, R. C.	Bridgeport	Ryan, M. D. Sargent, D. VSharp, Martin C	(E) Saginaw
ernst, Arthur R	Saginaw	Mackinnon, Edwin D	Saginaw	Sargent, D. V	Saginaw
ymer, Esther	Saginaw	MacMeekin, James War	reSaginaw	Sharp, Martin C	Saginaw
Gage, David P	Saginaw	Manning, John E	Saginaw	Sheldon, S. A Siler, Delbert E	Saginaw
Calsterer, Edwin C	Saginaw	Martzowka Wm P	Saginaw	Skowronski Casimer A	Saginam
Joman, Louis D	(E) Saginaw	Matthews, Harry C	Saginaw	Slack, Walter K Stahly, Edward H Stander, A. C Stewart, George W	Saginaw
Frigg, Arthur PIand, Eugene A	Saginaw	Maurer, John A	Saginaw	Stahly, Edward H	Saginaw
land, Eugene A	Saginaw	Mavne, Harold	Saginaw	Stander, A. C	Saginaw
Iarvie, L. C.	Saginaw	Michilley, Alex R		Thompson, A. B	Saginaw
Helmkamp, H. O Hester, E. G	Saginaw	McLandress, Joshua A Meyer, Henry J		Tiedke, G. E.	Saginaw
Hill, Victor L	Saginaw	Mikan, V. Robert	Saginaw	Toshach, C. E	Saginaw
John, Fred, Jr	Saginaw	Mikan, V. Robert Moon, A. R	Saginaw	Volk, V. K	Saginaw
lowell. Don M	Saginaw	Morgrette, Leonard	Saginaw	Wallace, Herbert C	Saginaw
aenichen, R	Saginaw	Mudd, Richard D	Saginaw	Westlund, Norman Yntema, S	Saginaw
lames, J. W	Saginaw	Murphy, Albert P	Saginaw	Yntema, S	Saginaw
Jiroch, R. S	Saginaw	Murray, M. J	Saginaw		
	17	Sanilac Co	ounty		
Blanchard, E. W	Deckerville	Lance, Paul E	Marlette	Tweedie, G. Evans	Sandusky
Ellis, N. J.	Croswell	Learmont, H. H	Croswell	Tweedie, S. Martin	Sandusky
Gift, W. A Hart, R. K	Marlette Croswell	Learmont, H. H	Brown City	Webster, John C	Marlette
		St. Clair C	ounts:		
	** * **				
Armsbury, A. R	Marine City	Carney, F. V	St. Clair	McColl, D. J. McColl, Neil J. MacPherson, C. A. Meredith, E. W. Novak, Walter S.	(E) Port Huron
Attridge I A	(I.) Port Huron	Cooper T H	Port Huron	MacPherson C: A	Port Huron
Atkinson, C. F Attridge, J. A Banting, K. C	Port Huron	DeGurse T. E.	Marine iCty	Meredith F. W	Port Huron
Battley, J. C. Sinclair	Port Huron	Clyne, B. C Cooper, T. H DeGurse, T. E Fitzgerald, E. W	Port Huron	Novak, Walter S	Port Huron
Battley, J. C. Sinclair Beck, Frank K	Port Huron	Hall, W. E. B	Port Huron		
Beer, Joseph F	St. Clair	Hazeldine, Herbert J	Port Huron	Pollock, Donald A Reynolds, Annie E	Yale
Benjamin, Clayton C Borden, C. L Boughner, W. H Bovee, M. E Bowden, W. S Brush, Howard O	Port Huron	Hills, Richard W	Yale	Reynolds, Annie E	Port Huron
Boughner W. H.	Algonac	Holcomb, R. J Hoyt, Charles M	Port Huron	Sanderson, Joseph L Schaefer, W. A Sites, E. C	Port Huron
Bovee, M. E.	Port Huron	Kahn, Oscar B	Capac	Sites. E. C.	Port Huron
Bowden, W. S	Marine City	Kahn, Oscar B Kesl, Geo. Matthew	Port Huron	Thomas C: F	Port Huron
Brush, Howard O	Port Huron	Kirker F. O.	St Clair	Treadgold, Douglas	Port Huron
		Lauridsen, James	Port Huron	Ware, John R	Port Huron
Burley, Jacob H	Port Huron	Lauridsen, James LeGalley, K. B Licker, R. R	Port Huron	Ware, John R Wass, Henry C Waters, George	St. Clair
Burley, Jacob H	et Hartford Conn	Ludwig, Claude A	Port Huron	Waters, George	Port Huror
Carey Lewis M	Detroit	Ludwig, Claude A	Port Huron	Wetzel, John O Wight, William G	Port Huror
carey, 20112 samming		Ludwig, F. E Martin, C. S	Port Huron	Wight, William G	1 alc
		St. Joseph	County		
Berg, Lawrence A	Sturgis	Holm, Arvid G		Reed, Fred R	Three River
Blood, J. V. Brunson, A. E. Braham, Wilbur. Fiegel, S. A.	Three Rivers	Hoyt, Howard P	Colon	Sheldon, J. P	Sturgis
Broken William	Sturgis	Miller, C. G	Sturgis	Slote I. K	Constanting
Fiegel S A	Sturgis	Parrish, Marion Pennington, H. C	White Digger	Springer, R. A Sweetland, G. J	Centerville
Fortner, R. J	Three Rivers	Penzotti Stanley	Three Rivers	Tesar F I	Centerville
Gillespie, E	Sturgis	Porter, C. G.	Three Rivers	Weir, Dale C	Three River
Hoekman, Aben	Constantine	Penzotti, Stanley Porter, C. G Raisch, Fred J	White Pigeon	Tesar, F. J	Constantine
	3	Shiawassee	County		
Arnold, Alfred L., Jr	Owosso	Fillinger, W. B	Ovid	Pochert, R. C	Owosso
Backe John C.	Durand	Harkness, C. A	Owosso	Richards, C. J	Duran
Bennett, George W	Elsie	Hoshal, Vern L	Durand	Shalmark, J. F	Owoss
Bennett, George W Brown, Richard J Buzzard, Walter Daven	Ann Arbor	Hume, Arthur M	(E) Owosso	Richards, C. J Shalmark, J. F Shepherd, W. F Slagh, E. M	Owoss
Chipman, E. M	Owosso	Harkness, C. A	Orvesso	Watts, Fred A	Elsi
Cook, Ernest	Corunna	McKnight, E. R	Uwosso	Weinkauf, W. F.	Corunn
Dillon, James	Реггу	Merz, W. L Parker, W. T	Owosso Owosso	Weinkauf, W. F Weston, C. L	Owoss
	*	Tuscola C			
Rallard James U	Corr City			Nim W. I.	
Ballard, James H Barbour, Harry A		Flett, Richard O	Millington	Nigg, Herbert L	Car
Bates, George	(E) Kingston	Hoffman, T. E.	Vassar	Ruskin D R	Unionvill
Berman, Harry	Millington	Gugino, Frank James Hoffman, T. E. Howlett, R. R. Johnson, O. G. Kaven, G. H.	Caro	Pelczar, Walter Ruskin, D. B Savage, Lloyd L	Car
Cook. Raymond	Akron	Johnson, O. G	Mayville	Shoemaker, J Starmann, Bernard	Vassa
Dickerson, Willard W Dixon, Robert L	Wahiamaga	Kaven, G. H Lamberti, Thomas G	Unionville	Starmann, Bernard	Cass Cit
Donahue, H. Theron	Cass City	Merrill, Elmer H	Laro	Swanson, E. C Von Renner, Otto	Vassa
,		Morris, Frank L	Cass City	Ton accounter, Ottominion	v alssa
0.40					

Aldr Alexa Ashabara Ashabara Barra B

Van Buren County

Boothby, Carl	Hartford
Boothby, F. M	Lawrence
Beethby Paul R	Lawrence
Bope, William P Buckborough, M. W	South House
Diephuis, Bert	South Haven
French, Merle R	Paw Paw
Gano. Avison	Bangor

o d o o e o a

Giffen, John R	(E) Rangor
Greenman, Newton H	Decatur
Hovt. W. F	(E) Paw Paw
Itzen, J. F.	South Haven
Maxwell, J. Charles McFadden, R. I	Bloomingdale
Penovar. C. L	South Haven
Ralyea, John R	Paw Paw

Roberts, M. S	South Haven
Spalding, R. W	Gobles
Steele, Arthur H	Paw Paw
TenHouten, Charles	Paw Paw
Terwilliger, Edwin	
Urist, Martin J	
Young, William R	Lawton

Washtenaw County

Aldrich, Napier S	
Alexander John Ann Arbor	
Ashar Wm M Ann Arbor	
Asher, Will. Man Arbor	
Badgley, Carl EAnn Arbor	
Barker, Paul Ann Arbor	
Barnwell, John Bwashington, D. C.	
Barr, A. SAnn Arbor	
Barry, Geo. RAnn Arbor	
Barry A. Geo. R. Ann Arbor Barry, Geo. R. Ann Arbor Barss, Harold D. Ypsilanti Bass, Thomas J. Ypsilanti Bates, Wm. H. Ann Arbor	
Bass, Thomas JYpsilanti	
Bates, Wm. HAnn Arbor	
Bassow Paul HAnn Arbor	
Bauer Gerhard HAnn Arbor	
Rough R H Vnsilanti	
Packs Hugh M Ann Arbor	
Dell Margaret Ann Arbor	
Dell, MargaretAlli Arbor	
Belser, WalterAlli Arbor	
Betnei, Frank HartstunAnn Arbor	
Block, Malcolm LAnn Arbor	
Bohne, A. WaiteAnn Arbor	
Bates, Wm. H. Ann Arbor Bassow, Paul H. Ann Arbor Bauer, Gerhard H. Ann Arbor Bauer, Gerhard H. Ypsilant Beebe, Hugh M. Ann Arbor Bell, Margaret. Ann Arbor Belser, Walter. Ann Arbor Bechel, Frank Hartstuff. Ann Arbor Block, Malcolm L. Ann Arbor Bohne, A. Waite. Ann Arbor Brace, William M. Ann Arbor	
Britton, H. BYpsilanti	
Brownlee, Wm. MAnn Arbor	
Buscaglia, C. I	
Buxton, Robert WAnn Arbor	
Camp Carl Dudley Ann Arbor	
Cawley Edward P Ann Arbor	
Cachran William I Ann Arbor	
Brace, William M. Ann Arbor Britton, H. B. Ypsilanti Brownlee, Wm. M. Ann Arbor Buscaglia, C. J. Ypsilanti Buxton, Robert W. Ann Arbor Camp, Carl Dudley Ann Arbor Cawley, Edward P. Ann Arbor Cochran, William L. Ann Arbor Coller, Frederick A. Ann Arbor Conn, Jerome W. Ann Arbor Coxon, A. Wm. Ann Arbor Cummings H. H. Ann Arbor	
Coller, Frederick AAnn Arbor	
Conn, Jerome WAnn Arbor	1
Coxon, A. wmAnn Arbor	
0	
Curtis, Arthur CAnn Arbor	•
Curtis, Arthur C. Ann Arbor DeJong, Russell Ann Arbor DeTar, John S. Milan Dingman, Reed O. Ann Arbor Dolfin, W. E. Ypsilanti Donaldson, S. W. Ann Arbor Duff, Ivan F. Ann Arbor Engelke, Otto K. Ann Arbor Everett, Meldon Ann Arbor	
DeTar, John SMilan	i
Dingman, Reed OAnn Arbor	
Dolfin, W. EYpsilanti	i
Donaldson, S. WAnn Arbor	
Duff. Ivan F. Ann Arbor	
Engelke Otto K Ann Arbor	
Everett Meldon Ann Arbor	
Falls Harold F Ann Arbor	
Fink George C Ann Arbon	
Files Corge CAnn Arbor	1
ritzgeraid, Inomas DAnn Arbor	
Forsythe, Warren EAnn Arbor	
Franck, F. BruceAnn Arbor	
Francis, Thomas, JrAnn Arbor	
Frost, Lyle WYpsilanti	i
Frye, Carl HAnn Arbor	
Furstenberg, Albert CAnn Arbor	ř
Everett, Meldon	c
Gates, John L. Ann Arbor	2
Gates, Neil A., Ir., Ann Arbor	
Goldman, Ahe A. Ann Arbor	r
Gates, John L. Ann Arbor Gates, Neil A., Jr. Ann Arbor Goldman, Abe A. Ann Arbor Gotz, Alexander Ann Arbor	r
Gulde, Andros	
Guide, AndrosCheisea	

Haas, Reynold L	Ann Arbor
Hagerman, George W.	Ann Arbor
Haight Cameron	Ann Arbor
Hall Winston C	Ann Arbor
Hammond W W	Dlymouth
Transfer II	Name baille
Handori, Heinrich Hugo	Northville
Hannum, M. R.	Milan
Harris, Bradley M	Ypsilanti
Harris, Scott T	Ypsilanti
Henderson, John W	Ann Arbor
Henry, L. Dell	Ann Arbor
High, Howard C	Ann Arbor
Himler Leonard E	Ann Arbor
Hodges Fred I	Ann Arbor
Hole Tab. F	Ann Arbor
TIOIL, JOHN F	Ann Arbor
Hoobler, Sibley W	Ann Arbor
House, Frederic B	Ann Arbor
Howard, S. C	Ann Arbor
Hunt, Robert E	Ann Arbor
lenkins Daniel E.	Ann Arbor
Jimenez, Buenaventura Johnston, Franklin D	Ann Arbor
Johnston Franklin D.	Ann Arbor
Kohn Edgar A	Ann Arbor
Kambly, Arnold H	Ann Arbon
Kambly, Arnold H	Ann Arbor
Keeffe, Eugene J. Keene, Clifford H.	Ann Arbor
Keene, Clifford H	Ann Arbor
Kemper, J. W	Ann Arbor
Kert, Morley J	Ann Arbor
Killins, Charles G	Ann Arbor
Keene, Clifford H. Kemper, J. W. Kert, Morley J. Killins, Charles G. Klingman, Theophil. Knoll, Leo A. La Fever, Sidney L. Lampe, Isadore.	Ann Arbor
Knoll Leo A	Ann Arbor
La Faver Sidney I	Ann Arbor
Tamme Tendens	Ann Arbor
Lampe, Isadore	Ann Arbor
Law, John L.	Ann Arbor
Litchty, Dorman E	Ann Arbor
Lowell, Vivion F	Y psilanti
Lyons, Richard H	Ann Arbor
MacIntyre, Robert S	Ann Arbor
MacKave, Lavina G	Ann Arbor
Malcolm, Karl D	Ann Arbor
Mallery Otto T Ir	Ann Arbor
Marchall Mark	Ann Arbor
Lampe, Isadore	Vacilanti
Martin, Donald W	A A-b
Maxwell, James H	Ann Arbor
McCotter, Rollo E	Ann Arbor
McEachern, Thomas H	Ann Arbor
McKay Clinton H Ch	arlotte N (:
Milford, Albert F. Miller, Harold	Ypsilanti
Miller, Harold	Saline
Miller Norman F	Ann Arbor
Moore Donald F	Ypsilanti
Morrow Wm I	Ann Arbor
Muchlin Coorse P	Ann Arbor
Muenilg, George F	Ann Arbor
Myers, Dean W	Ann Arbor
Miller, Harold Miller, Norman F. Moore, Donald F. Morrow, Wm. J. Muehlig, George F. Myers, Dean W. Nesbit, Reed M.	Ann Arbor
Newton, Chas. W	Ann Arbor

Nickel, Kenneth C. Ypsilanti Oliphant, L. W. Ann Arbor Parnall, Christopher G. Ann Arbor Parnall, Christopher G. Ann Arbor Patterson, Ralph M. Ann Arbor Peet, Max. Ann Arbor Pollard, H. M. Am Arbor Pollard, H. M. Am Arbor Potter, Marcia. Ypsilanti Preston, John F., Jr. Ann Arbor Price, Helen F. Ann Arbor Prout, Gordon J. Saline Ransom, Henry. Ann Arbor Raphael, Theophile. Ann Arbor Raphael, Theophile. Ann Arbor Ratliff, Rigdon K. Ann Arbor Ratliff, Rigdon K. Ann Arbor Riegs, Harold W. Ann Arbor Riegs, Harold W. Ann Arbor Riegs, Harold W. Ann Arbor Sayre, George S. Ypsilanti Schmale, Herbert T. Ann Arbor Schreiber, E. O. Ann Arbor Scheiber, E. O. Ann Arbor Scheiber, E. O. Ann Arbor Scheiber, Maurice H. Ann Arbor Sewers, Maurice H. Ann Arbor Sibbald, Malcolm I. Chelsea Sink, Emory W. Ann Arbor Slaughter, John C. Ann Arbor Slaughter, John C. Ann Arbor Smith, Eleanor. Ann Arbor Smith, Eleanor. Ann Arbor Sturgis, Cyrus G. Ann Arbor Thomson, Daniel C. Ann Arbor Thomson, Daniel C. Ann Arbor Thomson, Paniel C. Ann Arbor Waggoner, R. W. Ann Arbor Waggoner, R. W. Ann Arbor Waggoner, R. W. Ann Arbor Waggoner, J. A. (E) Ann Arbor Waldron, Alexander M. Ann Arbor Washburne, Charles L. Ann Arbor Waldron, Alexander M. Ann Arbor Waldron, Alexander M. Ann Arbor Washour, Frank N. Ann Arbor Williamson, F. B. Ypsilant Wilson, Frank N. Ann Arbor Wilsiams, Howard R. Ann Arbor Williamson, F. B. Ypsilant Wilson, Frank N. Ann Arbor Woods, J. J. Ypsilant Wright, Walter J. Ypsilant Wylie, Wm. C. Dexter Yoder, O. R. Ypsilant Wylie, Wm. C. Dexter Yoder, O. R. Ypsilant Wylie, Wm. C. Dexter Ypsilant	
Slenger, Walforth R	Nickel Kenneth C. Vosilanti
Slenger, Walforth R	Olinhant I W Ann Arbor
Slenger, Walforth R	Parnall Christopher G Ann Arbor
Slenger, Walforth R	Patterson Ralph M Ann Arbor
Slenger, Walforth R	Peet May Ann Arbor
Slenger, Walforth R	Pollard H M Ann Arbor
Slenger, Walforth R	Potter Marcia Vnsilanti
Slenger, Walforth R	Preston John F Jr Ann Arbor
Slenger, Walforth R	Price Helen F. Ann Arbor
Slenger, Walforth R	Prout Gordon I. Saline
Slenger, Walforth R	Ransom Henry Ann Arbor
Slenger, Walforth R	Ranhael Theophile Ann Arbor
Slenger, Walforth R	Ratliff Rigdon K. Ann Arbor
Slenger, Walforth R	Riecker, H. H. Ann Arbor
Slenger, Walforth R	Riggs Harold WAnn Arbor
Slenger, Walforth R	Ross, C. HowardAnn Arbor
Slenger, Walforth R	Savre, George SYpsilanti
Slenger, Walforth R	Schmale, Herbert TAnn Arbor
Slenger, Walforth R	Schreiber, E. OAnn Arbor
Slenger, Walforth R	Schumacker, W. EAnn Arbor
Slenger, Walforth R	Scovill, H. AYpsilanti
Slenger, Walforth R	Seevers, Maurice HAnn Arbor
Slenger, Walforth R	Seime, Reuben IYpsilanti
Slenger, Walforth R	Sheldon, John MAnn Arbor
Slenger, Walforth R	Sibbald, Malcolm LChelsea
Slenger, Walforth R	Sink, Emory WAnn Arbor
Teed, Reed Wallace	Slaughter, John CAnn Arbor
Teed, Reed Wallace	Slenger, Walforth RYpsilanti
Teed, Reed Wallace	Smalley, MariannaAnn Arbor
Teed, Reed Wallace	Smith, EleanorAnn Arbor
Teed, Reed Wallace	Snow, GlenadineYpsilanti
Teed, Reed Wallace	Solis, Jeanne C(E) Ann Arbor
Teed, Reed Wallace	Struthers, J. N. PAnn Arbor
Teed, Reed Wallace	Sturgis, Cyrus CAnn Arbor
Theme, E. Thurston Ann Arbor Thomson, Daniel C Ann Arbor Towsley, Harry A Ann Arbor Walgron, Alexander M Ann Arbor Waldron, Alexander M Ann Arbor Washburne, Charles L Ann Arbor Watson, Ernest Hamilton Ann Arbor Wessinger, J. A (E) Ann Arbor Wile, Udo J Ann Arbor Wilkinson, Chas. F Ann Arbor Wilkinson, Chas. F Ann Arbor Williams, Howard R Ann Arbor	Sundwall, JohnAnn Arbor
Thomson, Daniel C	Teed, Reed WallaceAnn Arbor
Towsley, Harry A	Thieme, E. ThurstonAnn Arbon
Waggoner, R. W. Ann Arbor Waldron, Alexander M. Ann Arbor Washburne, Charles L. Ann Arbor Watson, Ernest Hamilton. Ann Arbor Wessinger, J. A. (E) Ann Arbor Wile, Udo J. Ann Arbor Wilkinson, Chas. F. Ann Arbor Wilkinson, Chas. F. Ann Arbor Williams, Howard R. Ann Arbor Williamson, F. B. Ypsilant Wilson, Frank N. Ann Arbor Wisdom, Inez. Ann Arbor Woods, J. J. Ypsilant	Tourism, Daniel CAnn Arbon
Waldron, Alexander M Ann Arbon Washburne, Charles L Ann Arbon Wasson, Ernest Hamilton Ann Arbon Wessinger, J. A (E) Ann Arbon Wile, Udo J Ann Arbon Wilkinson, Chas. F Ann Arbon Williams, Howard R Ann Arbon Williamson, F. B Ypsilant Wilson, Frank N Ann Arbon Wisdom, Inez Ann Arbon Woods, J. J Ypsilant	Warrange D W Ann Arbor
Washburne, Charles L. Ann Arbor Watson, Ernest Hamilton. Ann Arbor Wessinger, J. A. (E) Ann Arbor Wile, Udo J. Ann Arbor Wilkinson, Chas. F. Ann Arbor Wilkinson, Chas. F. Ann Arbor Williams, Howard R. Ann Arbor Williamson, F. B. Ypsilant Wilson, Frank N. Ann Arbor Wisdom, Inez. Ann Arbor Woods, J. J. Ypsilant	Waldran Alexander M Ann Arbor
Watson, Ernest Hamilton Ann Arbor Wessinger, J. A. (E) Ann Arbor Wile, Udo J Ann Arbor Wilkinson, Chas. F Ann Arbor Wilkinson, Chas. F Ann Arbor Williams, Howard R Ann Arbor Williamson, F. B Ypsilant Wilson, Frank N Ann Arbor Wisdom, Inez Ann Arbor Woods, J. J Ypsilant	Washburne Charles I Ann Arbor
Wassinger, J. A. (E) Ann Arbor Wile, Udo J. Ann Arbor Wilkinson, Chas. F. Ann Arbor Williams, Howard R. Ann Arbor Williamson, F. B. Ypsilant Wilson, Frank N. Ann Arbor Wisdom, Inez. Ann Arbor Woods, J. J. Ypsilant	Watson Frank Hamilton Ann Arbor
Wile, Udo J	Wassinger I A (E) Ann Arbor
Wilkinson, Chas. F. Ann Arboi Williams, Howard R. Ann Arboi Williamson, F. B. Ypsilant Wilson, Frank N. Ann Arboi Wisdom, Inez. Ann Arboi Woods, J. J. Ypsilant	Wile Udo I Ann Arbor
Williams, Howard R Ann Arboi Williamson, F. B Ypsilant Wilson, Frank N Ann Arboi Wisdom, Inez Ann Arboi Woods, J. J Ypsilant	Wilkinson Chas F Ann Arbon
Williamson, F. B. Ypsilant Wilson, Frank N. Ann Arboi Wisdom, Inez. Ann Arboi Woods, J. J. Ypsilant	Williams Howard R Ann Arbon
Wilson, Frank N	Williamson F R Vosilant
Wisdom, InezAnn Arbon Woods, J. J	Wilson Frank N Ann Arbon
Woods, J. J. Ypsilant	Wisdom Inez Ann Arbon
11 17 17 17	Woods, I. I. Yosilant
Worth, Melissa HYpsilant	Worth, Melissa H. Ypsilant
Wright, Walter IYpsilant	Wright, Walter IYpsilant
Wylie, Wm. CDexter	Wylie, Wm. CDexter
Yoder, O. RYpsilant	Yoder, O. RYpsilant

Wayne County

*	
Aaron, Charles D(E)	Detroit
Abbott, William E	Detroit
Abrams, Harry M.	Detroit
Abramson, Max	Detroit
Abbott, William E	Detroit
Adams, James Robert	learborn
Adelson, Sidney L.	Detroit
Adelson, Sidney L	Detroit
Agnew, George H	Detroit
Akrovd Cecil	Detroit
Albrecht, Herman F	Detroit
Alderman, R. F	Detroit
Aldrich, E. Gordon	Detroit
Alexander, Eugene James	Detroit
Alford, E. S	Belleville
Allen, John VLinc	oln Park
Alles, Russell W	Detroit
Allison Frank R	Detroit
Allison, Herbert CGrosse Point Alpiner, Sam	e Farms
Alpiner, Sam	Detroit
Altman, Raphael	Detroit
Altshuler, Abraham M	Detroit
Altshuler, Ira M	Detroit
Altshuler, S. S(E)	Army
Amberg, Emil(E)	Detroit
Amolsch, Arthur L.	Detroit
Amos, Thomas G	Detroit

Anderson, Bruce(L)	Detroit
Anderson, Gordon HD	porborn
Anderson, Gordon H	Detroit
Anderson, J. O	Detroit
Anderson, Walter L	Detroit
Anderson, Walter T	Detroit
Anderson, Walter T. Anderson, William	orthville
Andries, George G	Detroit
Andries Joseph H. (L)	Detroit
Andries Raymond C	Detroit
Andries, Raymond C	Detroit
Anness Dommenica M	Detroit
Andersa, Dommenico M	Detroit
Anslow, Robert E	Detroit
Appel, Phillip K	Detroit
Appel, Phillip R	.Detroit
Arehart, Burke W	.Detroit
Arehart, Burke W	.Detroit
Armstrong, Arthur G	.Detroit
Arnold Effie	Detroit
Arnold, Effie(L)	Detroit
Arrington, Robyn J.	Detroit
Asshan Manan S	Detroit
Ascher, Meyer S	Detroit
Asne, Stilson R	Detroit
Ashley, L. Byron	Detroit
Ascher, Meyer S. Ashe, Stilson R. Ashley, L. Byron. Ashton, F. B. Highla	nd Park
Asselin, Regis F	Detroit
Atchison, Russell MN	orthville
Athay, Roland M.	Eloise
ereny, avenue Manne	210150

Atler, Lawrence R	Detroit
Atler Leroy I.	Detroit
Atler, Leroy L. Aubel, M. E.	Detroit
August, Harry E.	Detroit
Auld Douglas V	Detroit
Aurin Iro	Detroit
Auld, Douglas V	Detroit
Axeison, A. U	Detroit
Babcock, Kenneth B	Detroit
Babcock, L. K.	Detroit
Babcock, Myra E	Detroit
Babcock, W. W	Detroit
Bach, Walter F	Detroit
Bachman, Morris E	Detroit
Bachman, Morris E	Detroit
Bader, Benjamin H	Detroit
Baer, George J	Detroit
Baer, Raymond B	Detroit
Baeff, Michael A	Detroit
Bagley, Harry E	Dearborn
Bailey, Carl C	Detroit
Bailey, Don A	Detroit
Bailey, John H	Detroit
Bailey, Louis J	Detroit
Bailey, Wm. Arthur	Detroit
Baker Clarence	Detroit
Bakst, Joseph	Detroit
Balaga, F. T.	Detroit

Balberor, Harry Balcerski, Matthew A Ballard, Charles S Balser, Charles W Baltz, James B	Detroit
Balcerski Matthew A	Detroit
Balland Charles 6	Detroit
Danard, Charles S	Detroit
Balser, Charles W	Detroit
Baltz, James I	Detroit
Barak Lewis R.	Detroit
Baranowski A W	Detroit
Repland Ocean I	Detroit
Dariand, Oscar L.	Detroit
Barak, Lewis R. Baranowski, A. W. Barland, Oscar L. Barnes, Donald J.	Detroit
Darnes, van D	Detroit
Barnett, Edwin D	Detroit
Barnett Marton	Detroit
Barnett Saul F	Detroit
Pariett, Saul E.	Delloit
barone, Charles JHighland	1 Park
Barnett, Saul E	Detroit
Barron, William H.	Detroit
Bartemeier Leo H	Detroit
Barton I P	Detroit
Barton, J. R Bates, Gaylord S	Detroit
Bates, Gaylord S	Detroit
Bauer, Benedict J	Detroit
Bauer, A. Robert	Detroit
Bauer, Lester Eugene	Detroit
Baumer, Moe	Detroit
Paulier, Moc	Detroit
Daumgarten, Elden C	Detroit
Bayles, John G	Detroit
Beach, Watson	Detroit
Beam, A. Duane, Grosse	Pointe
Reamer George D . De	arhorn
Paster Colin	Detecia
Deaton, Conn	Detroit
Deattie, Robert(L)	Detroit
Beaver, Donald C	Detroit
Beck, Eva F	Eloise
Becker, Abraham	Detroit
Recker Joseph W-	Detroit
Parklain O T	Detroit
Deckiein, C. L.	Detroit
Beckwitt, M. C	Detroit
Baumer, Moe Baumer, Moe Baumgarten, Elden CBayles, John GBayles, John GBayles, John GBeach, Watson Beam, A. Duane Grosse Beamer, George DDe Beaton, Colin Beattie, Robert (L) Beaver, Donald CBeck, Eva FBecker, Abraham Becklein, CLBecklein, CLBeckwitt, M. CBedell, ABeecher, A. JBeeckler, CBeckler, A. JBeeckler, A. JBEECKLE	Detroit
Danahar A Y	D-4
Beeuwkes, L. E	arborn
Daha Claud W	Detecia
Denn, Claud W	Detroit
Beigler, Sydney K	Detroit
Belanger, Ernest ERiver	Rouge
Belanger, Wm. George	Detroit
Belknan Warren F Roy	al Oak
Rell I Kenner	Detroit
Dell, J. Rennet	Detroit
Bell, J. Kenner	Detroit
Benjamin, Wm. O	Detroit
Bennett, Germany E	Detroit
Bennett Harry B	Detroit
Rennett Sanford A	Detroit
Pannett Wm F	Detroit
Bennett, Zina B	Detroit
Benson, C. D.	Detroit
Benson, Davis A.	Detroit
Benson, Virginia	Detroit
Benson, Virginia	Detroit
Benson, Virginia	Detroit ymouth
Benson, Virginia Bentley, Frederick EPl. Bentley, Neil I	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E. Ph Bentley, Neil I. Beresh, Louis.	Detroit ymouth Detroit Detroit
Benson, Virginia. Bentley, Frederick E. Plesentley, Neil I. Beresh, Louis. Berge, Clarence A.	Detroit ymouth Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E. Ph Bentley, Neil I. Beresh, Louis. Berge, Clarence A. Bergman, Murray S.	Detroit ymouth Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit
Benson, Virginia Bentley, Frederick E. Ply Bentley, Neil I. Beresh, Louis. Bergesh, Louis. Berge, Clarence A. Bergman, Murray S. Berge, Clarence A. Bergman, Murray S. Berkey, Wm. E. Berkey, Wm. E. Berkman, Ruth. Berlien, Ivan C. Berman, Lawrence Berman, Robert. Berman, Glorey. Bernard, Walter G. Rernbaum, Rernard. Bernstein, Albert E. Bernstein, Albert E. Bernstein, Samuel S. Berry, Joseph E. Besancon, J. H. Best, John W. Best, T. H. Edward. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Birch, John R. Birkelo, Carl C. Birndorf, Leonard. Bittler, I. Irving. Bittrich, Norbert M. Black, Perry S. Blain, Alexander, III. Ann Blain, Alexander, III. Man Blain, Alexander, III. Blaine, Max. Blair, K. E. Blanchet, Alred D. Blashill, James B. Bleier, Joseph. Bloch, Abraham Blodgett, Wm. E. (L.) Blodgett, William H. Bloomer, Earl. D. Blumenthal, Franz L.	Detroit ymouth Detroit
Benson, Virginia Bentley, Frederick E. Ply Bentley, Neil I. Beresh, Louis. Bergesh, Louis. Berge, Clarence A. Bergman, Murray S. Berge, Clarence A. Bergman, Murray S. Berkey, Wm. E. Berkey, Wm. E. Berkman, Ruth. Berlien, Ivan C. Berman, Lawrence Berman, Robert. Berman, Glorey. Bernard, Walter G. Rernbaum, Rernard. Bernstein, Albert E. Bernstein, Albert E. Bernstein, Samuel S. Berry, Joseph E. Besancon, J. H. Best, John W. Best, T. H. Edward. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Birch, John R. Birkelo, Carl C. Birndorf, Leonard. Bittler, I. Irving. Bittrich, Norbert M. Black, Perry S. Blain, Alexander, III. Ann Blain, Alexander, III. Man Blain, Alexander, III. Blaine, Max. Blair, K. E. Blanchet, Alred D. Blashill, James B. Bleier, Joseph. Bloch, Abraham Blodgett, Wm. E. (L.) Blodgett, William H. Bloomer, Earl. D. Blumenthal, Franz L.	Detroit ymouth Detroit
Benson, Virginia Bentley, Frederick E. Ply Bentley, Neil I. Beresh, Louis. Bergesh, Louis. Berge, Clarence A. Bergman, Murray S. Berge, Clarence A. Bergman, Murray S. Berkey, Wm. E. Berkey, Wm. E. Berkman, Ruth. Berlien, Ivan C. Berman, Lawrence Berman, Robert. Berman, Glorey. Bernard, Walter G. Rernbaum, Rernard. Bernstein, Albert E. Bernstein, Albert E. Bernstein, Samuel S. Berry, Joseph E. Besancon, J. H. Best, John W. Best, T. H. Edward. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Birch, John R. Birkelo, Carl C. Birndorf, Leonard. Bittler, I. Irving. Bittrich, Norbert M. Black, Perry S. Blain, Alexander, III. Ann Blain, Alexander, III. Man Blain, Alexander, III. Blaine, Max. Blair, K. E. Blanchet, Alred D. Blashill, James B. Bleier, Joseph. Bloch, Abraham Blodgett, Wm. E. (L.) Blodgett, William H. Bloomer, Earl. D. Blumenthal, Franz L.	Detroit ymouth Detroit
Benson, Virginia Bentley, Frederick E. Ply Bentley, Neil I. Beresh, Louis. Bergesh, Louis. Berge, Clarence A. Bergman, Murray S. Berge, Clarence A. Bergman, Murray S. Berkey, Wm. E. Berkey, Wm. E. Berkman, Ruth. Berlien, Ivan C. Berman, Lawrence Berman, Robert. Berman, Glorey. Bernard, Walter G. Rernbaum, Rernard. Bernstein, Albert E. Bernstein, Albert E. Bernstein, Samuel S. Berry, Joseph E. Besancon, J. H. Best, John W. Best, T. H. Edward. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Birch, John R. Birkelo, Carl C. Birndorf, Leonard. Bittler, I. Irving. Bittrich, Norbert M. Black, Perry S. Blain, Alexander, III. Ann Blain, Alexander, III. Man Blain, Alexander, III. Blaine, Max. Blair, K. E. Blanchet, Alred D. Blashill, James B. Bleier, Joseph. Bloch, Abraham Blodgett, Wm. E. (L.) Blodgett, William H. Bloomer, Earl. D. Blumenthal, Franz L.	Detroit ymouth Detroit
Benson, Virginia Bentley, Frederick E. Ply Bentley, Neil I. Beresh, Louis. Bergesh, Louis. Berge, Clarence A. Bergman, Murray S. Berge, Clarence A. Bergman, Murray S. Berkey, Wm. E. Berkey, Wm. E. Berkman, Ruth. Berlien, Ivan C. Berman, Lawrence Berman, Robert. Berman, Glorey. Bernard, Walter G. Rernbaum, Rernard. Bernstein, Albert E. Bernstein, Albert E. Bernstein, Samuel S. Berry, Joseph E. Besancon, J. H. Best, John W. Best, T. H. Edward. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Bicknell, Frank B. Birch, John R. Birkelo, Carl C. Birndorf, Leonard. Bittler, I. Irving. Bittrich, Norbert M. Black, Perry S. Blain, Alexander, III. Ann Blain, Alexander, III. Man Blain, Alexander, III. Blaine, Max. Blair, K. E. Blanchet, Alred D. Blashill, James B. Bleier, Joseph. Bloch, Abraham Blodgett, Wm. E. (L.) Blodgett, William H. Bloomer, Earl. D. Blumenthal, Franz L.	Detroit ymouth Detroit
Benson, Virginia. Bentley, Frederick E	Detroit ymouth Detroit

D-11 A-1 F	D
Boell, Arthur F	Detroit
Bogusz, Ladislaus	Eloise
Bohn, Stephen	Detroit
Boileau, T. I. Bookmyer, R. H. Bookstein, Abraham M. Borstein, Sidney. Bott, Edmund T. Botvinick, Isadore. Boutrous, Thomas A.	Detroit
Bookstein, Abraham M	Detroit
Bott Edmund T Wys	Detroit
Botvinick, Isadore	Detroit
Boutrous, Thomas A	Detroit
Bower Franklin T.	Detroit
Bowers, Leo J,	Detroit
Boutrous, Thomas A. Bovill, E. G. Bower, Franklin T. Bowers, Leo J. Boyd, John H. Brachman, D. S. Bracken, Andrew H. Bradley, George. Bradshaw, Wm. H. Brady, Herbert A. Braitman, Louis. Braley, W. N. Bramigk, Fritz W. Brand, Benjamin	renton
Bracken, Andrew HDe	earborn
Bradley, George	Detroit
Brady Herbert A. River	Rouge
Braitman, Louis	Detroit
Braley, W. N.	Detroit
Brand, Benjamin	Detroit
Brando, Russell G	Detroit
Brand, Benjamin. Brando, Russell G Brandt, Edward L Braun, Lionel Braverman, Morris	Detroit
Braverman, Morris	Detroit
Breitenbecher Edw P	Detroit
Bremer, Wm. M.	Detroit
Brekke, Viola G Breitenbecher, Edw R Bremer, Wm. M Brengle, Deane R	Detroit
Briggel Welter A	Detroit
Brines, O. A.	Detroit
Brines, O. A. Bringard, Elmer L. Brisbois, Harold J. Brisson, Joseph.	Detroit
Brisson, Joseph	Detroit
Bromme, William	Detroit
Brooks A I	Detroit
Brosson, Joseph. Bromme, William. Bronson, Wm. W. Brooks, A. L. Brooks, Clark D. Brooks, Charles W. Brooks, Nathan.	Detroit
Brooks, Charles W	Detroit
Brosius Wm. L.	Detroit
Brosius, Wm. L. Broudo, Philip H.	Detroit
Brough, Glen A	Detroit
Brown Andrew G	Detroit
Brown, Carlton F	Detroit
Brown, Gordon T	Detroit
Brown, Gordon T. Brown, Harvey F. Brown, Henry S. Brown, John R. Brown, Robert A.	Detroit
Brown John R	Detroit
Brown, Robert A	Detroit
Brown, Samuel. Brown, Stanley H. Brown, Thomas A. Brownell, Paul G.	Detroit
Brown, Thomas A.	Detroit
Brownell, Paul G	Detroit
Bruer Edgar S	Detroit
Bruer, Edwin L.	Detroit
Brunk, Andrew S	Detroit
Brush, Bock Edwin	Detroit
Bryce, John D.	Detroit
Buck, John D.	Detroit
Budson, Daniel	Detroit
Buesser, Frederick G	Detroit
Burbidge, Earl L	Detroit
Burgess, Charles M	Detroit
Burnstine, Julius Y	Detroit
Burnstine, Perry P	Detroit
Burr, George C	Detroit
Brush, Bock Edwin. Bryce, John D. Buchanan, W. Paul. Buck, John D. Budson, Daniel. Buesser, Frederick G. Buller. H. L. Burbidge, Earl L. Burpess, Charles M. Burns, Robert T. Burnstine, Julius Y. Burnstine, Perry P. Burr, George C. Burr, H. Leonard. Burrows, Howard A. D. Burstein, Harry S. Burstein, I. Marvin. Burstein, Morris M. Burton, D. T. Buth, Glendon J. Bush, Glendon J. Bush, Cowell M. Butler, L. H. Butler, Harry J. (L) Butler, L. H. Butler, Volney N. Butterworth, Herman K. Linco Buttrum, Edward J. Byers, Dudley W. Byington, Garner M. Cadieux, Henry W. (L) Caldwell, J. Ewart. Caldwell, George L. Calkins, H. N. Callaghan, T. T. Campau, George H. Campau, George H.	earborn
Burstein, Harry S	Detroit
Burstein, Morris M.	Detroit
Burton, D. T.	Detroit
Burton, I. F	Detroit
Bush, Lowell M.	Detroit
Butler, Harry J(L)	Detroit
Butler, L. H	Detroit
Butterworth, Herman K Linco	n Park
Buttrum, Edward J	Detroit
Byington, Garner M.	Detroit
Cadieux, Henry W(L)	Detroit
Caldwell, J. Ewart	Detroit
Calkins H. N	Detroit
Callaghan, T. T.	Detroit
Cameron, A. HWy	andotte
Campau George H	Detroit
Campbell, Charles A	earborn

0 1 11 5 11 4	
Campbell, Darrell A	Eloise
Campbell, Duncan	Detroit
Campbell, Duncan A	(L) Detroit
Campbell, Malcolm D	Pleasant Ridge
Campbell, Mary B	Detroit
Candler, Clarence L	Detroit
Canter, Allie L	Detroit
Cantor M O	Detroit
Campbell, Darrell A Campbell, Duncan A Campbell, Malcolm D Campbell, Mary B Candler, Clarence L Canter, Allie L Canter, G. E Cantor, M. O Canano, Oreste A	Detroit
Caputo Joseph M	Dearborn
Caraway James E.	Wayne
Carbone, Louis A	Detroit
Carey, Cornelius	Detroit
Carleton, Lawrence H	IDetroit
Carlson, Harold W	Detroit
Carlucci, Peter F	Detroit
Carmichael, E. K	Detroit
Carnes, Harry E	Detroit
Carp, Joseph	Detroit
Carpenter, C. H	Detroit
Carpenter, C. J	Detroit
Carpenter, Gienn B.	Detroit
Carpenter, william S	Detroit
Carroll E. H.	Detroit
Cantor, M. O Capano, Oreste A Caputo, Joseph M Caraway, James E. Carbone, Louis A Carey, Cornelius Carleton, Lawrence F. Carlson, Harold W. Carlucci, Peter F. Carmichael, E. K Carnes, Harry E Carpe, Joseph Carpenter, C. H Carpenter, C. J Carpenter, Glenn B Carpenter, William S. Carr, J. G Carroll, E. H Carroll, E. H Carroll, Lona B	Detroit
Carroll, E. H	Detroit
Carson, Herman J	Detroit
Carter, John M	Detroit
Carter, L. F	Detroit
Cassidy, Wm. J	Detroit
Castrop, C. W	Dearborn
Caton Doroth	Detroit
Carrick, Lee Carson, Herman J Carter, John M Carter, L. F Cassidy, Wm. J Castrop, C. W Catherwood, A. E Caton, Dorothy Caughey, E. H Caumartin, Fred E. Cavell, Roscoe W Chablut, V. George Chall, Henry G	Detroit
Caumartin Fred F	Detroit
Cavell Roscoe W	Detroit
Chabut V George	Northville
Chall Henry G.	Detroit
Chance, I. H.	Detroit
Chapin, Sidney E	Dearborn
Chapman, Aaron L	Detroit
Chapman, Paul T	Detroit
Chapnick, H. A	Detroit
Charnas, Sidney	Detroit
Chase, Clyde H	Detroit
Chatel, Arthur N	Detroit
Chesluk, H. M	Detroit
Chester, W. P	Detroit
Childs, George M	Detroit
Chittenden Coorse F	Detroit
Chittick Wm P (F)	Spring Valley, Cal
Chittick, Wm. R. (E)	Spring Valley, Cal.
Chittick, Wm. R. (E) Chostner, G. C Christensen, C. A.	Spring Valley, Cal. Detroit
Chittick, Wm. R. (E) Chostner, G. C Christensen, C. A Christopher, James (Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C Christensen, C. A Christopher, James C. Chrouch, Laurence A	Spring Valley, Cal. Detroit Dearborn Detroit Detroit Detroit
Chittick, Wm. R. (E) Chostner, G. C	Spring Valley, Cal. Detroit Dearborn G. Detroit Detroit Detroit Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A Christopher, James (Chrouch, Laurence A Church, Aloysius Cioffari, Mario S	Spring Valley, Cal. Detroit Dearborn G. Detroit Detroit Detroit Detroit Detroit Detroit
Cavell, Roscoe W. Chabut, V. George. Chall, Henry G. Chance, J. H. Chapin, Sidney E. Chapman, Aaron L. Chapman, Paul T. Chapman, Paul T. Chapman, Sidney Chase, Clyde H. Chatel, Arthur N. Chestel, Arthur N. Chesluk, H. M. Chester, W. P. Childs, George M. Chittenden, George E Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christopher, James C Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E.	Spring Valley, Cal. Detroit Dearborn Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christopher, James G. Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W	Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christopher, James (Chrucch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W. Clark, C. M.	Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christopher, James (Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W. Clark, C. M. Clark, C. M. Clark, Coorse F.	Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christooher, James G. Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W. Clark, C. M. Clark, George E. Clark, George E. Clark, Harold E.	Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christopher, James C Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W. Clark, C. M. Clark, Consold V. Clark, George E. Clark, Harold E. Clark, Harry G.	Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christopher, James (Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W. Clark, C. M. Clark, C. M. Clark, George E. Clark, Harold E. Clark, Harry G. Clark, Harry C.	Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christooher, James (Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W. Clark, C. M. Clark, George E. Clark, Harold E. Clark, Harry G. Clark, Harry L. Clark, Harry L. Clark, Harry L. Clark, Norman E.	Spring Valley, Cal. Detroit Dearborn Detroit
Chittick, Wm. R. (E) Chostner, G. C. Christensen, C. A. Christopher, James C Chrouch, Laurence A Church, Aloysius. Cioffari, Mario S. Ciprian, Joseph E. Clark, Benjamin W. Clark, C. M. Clark, Comald V. Clark, George E. Clark, Harry G. Clark, Harry G. Clark, Harry L. Clarke, Norman E. Clifford, Charles H.	Spring Valley, Cal. Detroit Dearborn Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H.	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H.	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E. Clark, Harry G Clark, Harry G Clarke, Norman E. Clifford, Charles H. Clifford, John E Clifford, Thomas P Clifford, Thomas P	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E. Clark, Harry G Clark, Harry G Clarke, Norman E. Clifford, Charles H. Clifford, John E Clifford, Thomas P Clifford, Thomas P	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E. Clark, Harry G Clark, Harry G Clarke, Norman E. Clifford, Charles H. Clifford, John E Clifford, Thomas P Clifford, Thomas P	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos	Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, Donald V Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochen, H. Herbert. Cohn, Daniel E Cohoe. Don E	Detroit Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, Donald V Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochen, H. Herbert. Cohn, Daniel E Cohoe. Don E	Detroit Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, Donald V Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochen, H. Herbert. Cohn, Daniel E Cohoe. Don E	Detroit Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, Donald V Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochen, H. Herbert. Cohn, Daniel E Cohoe. Don E	Detroit Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, Donald V Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochen, H. Herbert. Cohn, Daniel E Cohoe. Don E	Detroit Detroit Detroit Detroit (E) Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harry G Clark, Harry G Clark, Harry L Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, John E Clifford, John E Clighe, Ensign. Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, James E Cole, James E Cole, James E Cole, James C Coleman, Margarete Coleman, Margarete Coleman, William G Coll, Howard R	Detroit Redford Redford
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harry G Clark, Harry G Clark, Harry L Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, John E Clifford, John E Clighe, Ensign. Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, James E Cole, James E Cole, James E Cole, James C Coleman, Margarete Coleman, Margarete Coleman, William G Coll, Howard R	Detroit Redford Redford
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harry G Clark, Harry G Clark, Harry L Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, John E Clifford, John E Clighe, Ensign. Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, James E Cole, James E Cole, James E Cole, James C Coleman, Margarete Coleman, Margarete Coleman, William G Coll, Howard R	Detroit Redford Redford
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harry G Clark, Harry G Clark, Harry L Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, John E Clifford, John E Clighe, Ensign. Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, James E Cole, James E Cole, James E Cole, James C Coleman, Margarete Coleman, Margarete Coleman, William G Coll, Howard R	Detroit Redford Redford
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harry G Clark, Harry G Clark, Harry L Clark, Harry L Clarke, Norman E Clifford, Charles H Clifford, John E Clifford, John E Clifford, John E Clighe, Ensign. Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, James E Cole, James E Cole, James E Cole, James C Coleman, Margarete Coleman, Margarete Coleman, William G Coll, Howard R	Detroit Redford Redford
Clark, Benjamin W Clark, Donald V Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry G Clark, Harry G Clark, Harry L Clifford, Charles H Clifford, John E Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Coates, Carl Amos. Cobane, H. Herbert. Cohn, Daniel E Cohoe. Don E Cole, Fred H Cole, James E Cole, Wyman C. C Coleman, Margarete Coleman, William G Collins, James D Colvin, James D Colvert, James D Colvert, James D Colvert, Mitton D	Detroit
Clark, Benjamin W Clark, Donald V Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry G Clark, Harry G Clark, Harry L Clifford, Charles H Clifford, John E Clifford, John E Clifford, Thomas P Clippert. J. C Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Coates, Carl Amos. Cobane, H. Herbert. Cohn, Daniel E Cohoe. Don E Cole, Fred H Cole, James E Cole, Wyman C. C Coleman, Margarete Coleman, William G Collins, James D Colvin, James D Colvert, James D Colvert, James D Colvert, Mitton D	Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L. Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climpert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohoe. Don E. Cohoe. Don E. Cole, Fred H Cole, James E Cole, Goll, Howard R Collins, James D. Collins, James D. Colvert, James R. Colvin, Leslie T Colyer, Raymond G. Comstock, Lawrence.	Detroit Detroit Detroit Detroit Detroit (E) Detroit Feltoit Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L. Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climpert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohoe. Don E. Cohoe. Don E. Cole, Fred H Cole, James E Cole, Goll, Howard R Collins, James D. Collins, James D. Colvert, James R. Colvin, Leslie T Colyer, Raymond G. Comstock, Lawrence.	Detroit Detroit Detroit Detroit Detroit (E) Detroit Feltoit Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L. Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climpert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohoe. Don E. Cohoe. Don E. Cole, Fred H Cole, James E Cole, Goll, Howard R Collins, James D. Collins, James D. Colvert, James R. Colvin, Leslie T Colyer, Raymond G. Comstock, Lawrence.	Detroit Detroit Detroit Detroit Detroit (E) Detroit Feltoit Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L. Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climpert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohoe. Don E. Cohoe. Don E. Cole, Fred H Cole, James E Cole, Goll, Howard R Collins, James D. Collins, James D. Colvert, James R. Colvin, Leslie T Colyer, Raymond G. Comstock, Lawrence.	Detroit Detroit Detroit Detroit Detroit (E) Detroit Feltoit Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L. Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climpert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohoe. Don E. Cohoe. Don E. Cole, Fred H Cole, James E Cole, Goll, Howard R Collins, James D. Collins, James D. Colvert, James R. Colvin, Leslie T Colyer, Raymond G. Comstock, Lawrence.	Detroit Detroit Detroit Detroit Detroit (E) Detroit Feltoit Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harrold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, Fred H Cole, James E Cole, Kyman C. C Coleman, Margarete Coleman, William G. Collins, James D Colvin, Leslie T Colyer, Raymond G Comfort. Milton D Comstock, Lawrence. Condon, Stanley Conley, L. C. M Conn, Raymond W Connelly, R. Co	Detroit Detroit Detroit Detroit Detroit (E) Detroit Grosse Ile Ann Arbor Wyandotte Dearborn Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harrold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, Fred H Cole, James E Cole, Kyman C. C Coleman, Margarete Coleman, William G. Collins, James D Colvin, Leslie T Colyer, Raymond G Comfort. Milton D Comstock, Lawrence. Condon, Stanley Conley, L. C. M Conn, Raymond W Connelly, R. Co	Detroit Detroit Detroit Detroit Detroit (E) Detroit Grosse Ile Ann Arbor Wyandotte Dearborn Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harrold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, Fred H Cole, James E Cole, Kyman C. C Coleman, Margarete Coleman, William G. Collins, James D Colvin, Leslie T Colyer, Raymond G Comfort. Milton D Comstock, Lawrence. Condon, Stanley Conley, L. C. M Conn, Raymond W Connelly, R. Co	Detroit Detroit Detroit Detroit Detroit (E) Detroit Grosse Ile Ann Arbor Wyandotte Dearborn Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harrold E Clark, Harry G Clark, Harry L Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, Fred H Cole, James E Cole, Kyman C. C Coleman, Margarete Coleman, William G. Collins, James D Colvin, Leslie T Colyer, Raymond G Comfort. Milton D Comstock, Lawrence. Condon, Stanley Conley, L. C. M Conn, Raymond W Connelly, R. Co	Detroit Detroit Detroit Detroit Detroit (E) Detroit Grosse Ile Ann Arbor Wyandotte Dearborn Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harrold E Clark, Harry G Clark, Harry L. Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohen, H. Herbert. Cohn, Daniel E Cohe, Fred H Cole, James E Cole, Kyman C. C Coleman, Margarete Coleman, William G. Collins, James D Colvin, Leslie T Colyer, Raymond G Comfort. Milton D Comstock, Lawrence. Condon, Stanley Connelly, R. C. M Conn, Raymond W Connelly, R. C. M Connelly, R. Con	Detroit Detroit Detroit Detroit Detroit (E) Detroit Grosse Ile Ann Arbor Wyandotte Dearborn Detroit
Clark, Benjamin W Clark, C. M Clark, Donald V Clark, George E Clark, Harold E Clark, Harry G Clark, Harry L. Clarke, Norman E Clifford, Charles H. Clifford, John E Clifford, Thomas P. Climpert. J. C. Clyde, Ensign Coan, Glenn L Coates, Carl Amos. Cobane, John H Cochrane, Edgar G Cohoe. Don E. Cohoe. Don E. Cole, Fred H Cole, James E Cole, Goll, Howard R Collins, James D. Collins, James D. Colvert, James R. Colvin, Leslie T Colyer, Raymond G. Comstock, Lawrence.	Detroit Detroit Detroit Detroit Detroit (E) Detroit Grosse Ile Ann Arbor Wyandotte Dearborn Detroit

Comments C	Datusia
Constable, Canute G.	betroit
Cook, James C.	Detroit
Cooksey, Warren Balle (I) Crosse	Detroit
Coolidge, Maria Delle (L)Grosse	Detroit
Cooper, B.	Detroit
Cooper, E. Lames R	Detroit
Cooper, James Billion	Detroit
Carbeille Catherine	Detroit
Coseglia Robert P.	Detroit
Cosgrove Wm. I	Detroit
Costello Russell T.	Detroit
Cotruro, L.D.	Detroit
Cotton, S. O	Detroit
Coucke, Henry OF	erndale
Coulter, Wm. I	Detroit
Courville, Charles J	Detroit
Cowan. Wilfrid	Detroit
Cowen, Leon B	Detroit
Cowen, Robert L	Detroit
Cowley, Leonard L	Detroit
Coyne, Douglas R	Detroit
Crane, Langdon T	Detroit
Crane, Thomas PDo	earborn
Crawford, Albert S	Detroit
Cree, Walter J(E)	Detroit
Crews, Thomas H	Detroit
Croll, L. J.	Detroit
Croll, Maurice	Detroit
Crook, Charles LHighlan	d Park
Cross, Harold L	Detroit
Crousbore I F	Detroit
Cruikshank Alexander (E)	Detroit
Culp Ormend	Detroit
Curhan Ioseph H	Detroit
Constable, Canute G	Detroit
Curtis Frank E.	Detroit
Cushing Russell G	Detroit
Cushman H P	Detroit
Cusick Paul L	Detroit
2444	2000000
Dale, Esther H.,	Detroit
Dale, Mark	Detroit
Danforth, J. C	Detroit
Danforth, Mortimer E	Detroit
Daniels, L. E.	Detroit
Darling, Milton A	Detroit
Darpin, reter H	Detroit
Davidou David M	Dertoit
Davidson Harry O	Detroit
Davies Thomas S	Detroit
Davies Windsor S	Detroit
Davis, Eghert F. Wy	Detroit
Davies, Windsor S	Detroit andotte Detroit
Davies, Windsor S	Detroit andotte Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit
Dale, Esther H Dale, Mark Danforth, J. C Danforth, Mortimer E Darling, Milton A Darpin, Peter H Davidson, David M Davidson, Harry O Davies, Thomas S Davies, Windsor S Davis, Egbert F Davis, George H Davis, Wm. H Dawson, F. E Dawson, Ralph	Detroit andotte Detroit Detroit Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit Inkster
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit Detroit Inkster Detroit
Davies, Windsor S. Wy Davis, Egbert F. Wy Davis, George H. Wn Davis, Wm. H. Dawson, F. Dawson, F. E. Dawson, Ralph. Dawson, W. Day, A. Jackson. Day, J. Claude.	Detroit andotte Detroit Detroit Detroit Detroit Inkster Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit Detroit Inkster Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit Detroit Inkster Detroit Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit Inkster Detroit Detroit Detroit Detroit Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit Detroit Inkster Detroit Detroit Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Inkster Detroit Detroi
Davies, Windsor S. Davis, Egbert F	Detroit andotte Detroit Detroit Detroit Detroit Detroit Inkster Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Dawson, W. A. Day, A. Jackson Day, J. Claude Deering, Robert James Defever, Cyril R. Defnet, Wm. A. De Jongh, Edwin Demaray, John F. Demoster, James H. (L) De Nike, A. James Denis George M.	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit
Davies, Windsor S. Davis, Egbert F	Inkster Detroit Detroit Ecorse Detroit Detroit Detroit Detroit Detroit

loise troit troit

Dowdle, Edward	Detroit
Dowle George H	Detroit
Drake, Ellet H.	Detroit
Drake, James J	Detroit
Draves, Edward F	Detroit
Drinkhaus, Harold I.	Detroit
Droock, Victor	Detroit
Drummond, Donald L	Detroit
Dubnove Aaron	Detroit
Du Bois, Paul W	Detroit
Dubin, Joseph J Dubnove, Aaron. Du Bois, Paul W Dubpurnell, Karl	Detroit
Dubpernell, Martin S	Detroit
Dundas, Edw. M.	Detroit
Dunlap, Henry A	Detroit
Dunlap, Samson F	Detroit
Durocher Edmund I.	Escorse
Dutchess, Charles ENew You	k City
Dwaihy, Paul	Detroit
Dziuba, John F	Detroit
Eades Charles C	Detroit
Eadie, Gordon A	Detroit
Eakins, Frederick J	Detroit
Eder. Joseph R.	Detroit
Eder, Samuel J	Detroit
Edgar, Irving I	Detroit
Edmonds, W. N.	Detroit
Dwyer, Francis. Dziuba, John F Eades, Charles C. Eadie, Gordon A. Eakins, Frederick J. Eaton, Crosby D. Eder, Joseph R. Eder, Samuel J. Edgar, Irving I. Edgar, Irving I. Edgar, Russell G. Edmonds, W. N. Edwards, Gilbert L. Edwards, Gilbert L. Edwards, J. W. Elisman, Clarence H. Eldridge, Edward F. Ellias, Elmer P. Elliott. Wm. G. Elman, Meyer J. Ewmert, Herman C. (L) Engel, Earl H. Emgl, Leaver J. Emgl, Leaver J. Emgl, Leaver J. Emsing, Osborn. Epstein, S. G. Erickson, Eldon W. Erickson, Milton H. Erkfitz, Arthur W. Erman, Joseph M.	Detroit
Edwards, J. W	Detroit
Elsman, Clarence H	Detroit
Ellias, Elmer PDe	earborn
Elliott, Wm. G	Detroit
Elman, Meyer J	Detroit
Emmert, Herman C(L)	Detroit
Engel, Earl HWy	andotte
English, Leo V	Detroit
Ensign Dwight C.	Detroit
Ensing, Osborn	Detroit
Epstein, S. G.	Detroit
Erickson, Eldon W	Eloise
Erkfitz, Arthur W	Detroit
Erman Joseph M	Detroit
E 11 1 7 1 TAT	1
Eschbach, Joseph W	earborn Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J.	earborn Detroit Detroit
Eschbach, Joseph W. Do Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M	earborn Detroit Detroit Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A. J.	earborn Detroit Detroit Detroit Redford
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George Feld, David.	earborn Detroit Detroit Detroit Detroit Cedford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George Feld, David.	earborn Detroit Detroit Detroit Detroit Cedford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George Feld, David.	earborn Detroit Detroit Detroit Detroit Cedford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George Feld, David.	earborn Detroit Detroit Detroit Detroit Cedford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George Feld, David.	earborn Detroit Detroit Detroit Detroit Cedford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George Feld, David.	earborn Detroit Detroit Detroit Detroit Cedford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, M. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenner, Wm. A. Fenner, Wm. G.	arborn Detroit Detroit Detroit Cetroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, M. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenner, Wm. A. Fenner, Wm. G.	arborn Detroit Detroit Detroit Cetroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, M. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenner, Wm. A. Fenner, Wm. G.	arborn Detroit Detroit Detroit Cetroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, M. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenner, Wm. A. Fenner, Wm. G.	arborn Detroit Detroit Detroit Cetroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, M. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenner, Wm. A. Fenner, Wm. G.	arborn Detroit Detroit Detroit Cetroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. Levans, Leland S. Levans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Fallick, M. L. Fallis, Lawrence S. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, Marshall J. Feleyn, W. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenech, Harold B. Fenner, Wm. A. Fenner, Wm. G. Fenton, E. H. Fenton, Meryl M. Fenton, Russell F. Fenton, Stanley C. Ferrera, Louis V. Ferrara, Virginia M. Frettig, Carl A. Grosse Poin Finch. Alvis D. Grosse Poin Finch. A	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit
Eschbach, Joseph W. De Estabrook, Bert U. Estabrook, Bert U. Ettinger, Clayton J. Evans, Joseph M. Evans, Leland S. J. Evans, William A., Jr. Ewing, C. H. Grosse Pte. Fagin, Irving D. Fagin, Joseph. Fair, Baxter B. Falick, M. L. Falk, Ira E. Fallis, Lawrence S. Fandrich, Theodore. Farbman, Aaron A. Farbman, Simon S. Fauman, David H. Faunce, Sherman P. Feeley, M. George. Feld, David. Feldkamp, Lee E. Feldman, Paul. Feldstein, Martin Z. Fellers, Ray L. Fenner, Wm. A. Fenner, Wm. G.	arborn Detroit Detroit Detroit Petroit Redford Detroit Village Detroit

Foley, Joseph M	
	Detroit
Foote James A Lincoln	Detroit
Ford George A	Detroit
Ford, Sylvester	Detroit
Ford, Walter D	Detroit
Fordell, F. S.	Detroit
Forsythe John R	Detroit
Foster, E. Bruce	Detroit
Foster, Daniel P	Detroit
Foster, Linus J	Detroit
Foster Wm I.	Detroit
Foster, W. M.	Detroit
Fowler, Melvin E	Detroit
Fox, Morris Edward	Detroit
France M I De	arborn
Franklin. James	Detroit
Franklin, John	Detroit
Franzen, Nils A	Detroit
Frazer Mary Margert	Detroit
Free, Harry W	Detroit
Freedman, John	Detroit
Freeman, Milton	Detroit
Freeman, D. K.	Detroit
Freeman, Mabel	Detroit
Freeman, Michael	Detroit
Freeman, Wilmer	Detroit
Freese, John A	Detroit
Foley, Joseph M	Detroit
Fremont, Joseph C	Detroit
Fried Rernard H	Detroit
Friedlaender, Alex S	Detroit
Friedlaender, Sidney	Detroit
Friedman, David	Detroit
Frothingham George E. (E)	Detroit
Fruend, Henrietta	Detroit
Fulgenzi, Andrew A	Detroit
Fuller Hugh M	Detroit
Fulton, Wm. James	Detroit
Colon Harman	Datusit
Gabe Sigmund Los Angeles	Calif.
Gaberman, David B	Detroit
Gaffney, J. Mitchell	Detroit
Galdanyi Lasla I	Detroit
Galdonyi, Pasio E.	Detroit
Galerneau, D. BCente	. Tine
	er rine
Camble Parker P	Detroit
Gamble, Parker B	Detroit Detroit
Gamble, Parker B	Detroit Detroit Detroit Detroit
Gamble, Parker B	Detroit Detroit Detroit Detroit Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Gardner, Howard B. (F.)	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B. Gates, Nathaniel H.	Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B Gates, Nathaniel H Gaynor, Alex	Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence Gariepy, Louis J Garner, Howard B Gaston, Herbert B Gaston, Herbert B Gaynor, Alex Gehring, Harold W Gehriek, August E Birm	Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B Gaston, Herbert B Gaynor, Alex. Gehring, Harold W Gehrke, August E Birm Geib, Ledru O	Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Gaston, Herbert B Gates, Nathaniel H Gaynor, Alex Gehring, Harold W Gehrke, August E Birm Geib, Ledru O Geib, Wayne A Grosse Point	Detroit
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. (E) Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geiter, Clyde W. Geiter, Clyde W. Geiter, Wm. A. Gamnan Gannan Generic Company	Detroit
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Ledru O. Geit, Wayne A. Grosse Point Geitz, Wm. A. Gelbach, Philip D.	Detroit
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B Gaston, Herbert B Gaynor, Alex Gehring, Harold W Gehrke, August E Gehrke, August E Geib, Ledru O Geib, Wayne A Geitz, Wm. A Gelbach, Philip D Gellert, I. S	Detroit Detroi
Gamble, Parker B Gamnan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B Gaston, Herbert B Gaynor, Alex. Gehring, Harold W Gehring, Harold W Gehrke, August E Geib, Ledru O Geib, Wayne A Geiber, Clyde W Geitz, Wm. A Gellert, I. S Gemeroy, J. C Gemeroy, J. C	Detroit Detroi
Gamble, Parker B Gamble, Parker B Gannan, Arthur M Garschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B Gates, Nathaniel H Gaynor, Alex Gehring, Harold W Gehrke, August E Geib, Ledru O Geib, Wayne A Geib, Wayne A Gelibach, Philip D Gellert, I. S Gemeroy, J. C Gerondale, Edmond J Gibson, James C (E)	Detroit
Gamble, Parker B Gamble, Parker B Gannan, Arthur M Garschow, John H Gardner, Lawrence. Gariepy, Louis J Gaston, Herbert B Gaston, Herbert B Gates, Nathaniel H Gaynor, Alex Gehring, Harold W Gehrke, August E Birm Geib, Ledru O Geib, Wayne A Geibt, Wayne A Gelbach, Philip D Gellert, I. S Gemeroy, J. C Gerondale, Edmond J Gises, Fred W	Detroit
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Giese, Fred W. Gigante, Nicola.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Gaster, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gaston, Harbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Gelbert, I. Gellert, I. Gemeroy, J. Gellert, I. Gemeroy, J. Gemeroy, J. Gese, Fred W. Gigante, Nicola. Gilbert, Harold R. Wy Gillesnie, Stephen M.	Detroit Detroi
Gamble, Parker B Gannan, Arthur M Ganschow, John H Gardner, Lawrence. Gariepy, Louis J Garner, Howard B Gaston, Herbert B Gavnor, Alex. Gehring, Harold W Gehring, Harold W Gehring, Harold W Geib, Ledru O Geib, Wayne A Geib, Wayne A Geletz, Wm. A Gelbach, Philip D Gellert, I. S Gemeroy, J. C Gerondale, Edmond J Gibson, James C Giese, Fred W Gigante, Nicola. Gilbert, Harold R Wy Gillespie, Stephen M D. Gillespie, Stephen M Elsarier Gariery, Edw Gillespie, Stephen M D. Gillman, R. W (E)	Detroit Detroi
Gamble, Parker B Gamble, Parker B Gannan, Arthur M Garschow, John H Gardner, Lawrence. Gariepy, Louis J Gaston, Herbert B Gaston, Herbert B Gavnor, Alex. Gehring, Harold W Gehrke, August E Geib, Ledru O Geib, Wayne A Gelib, Ledru O Geib, Wayne A Gelbach, Philip D Gellert, I. S Gemeroy, J. C Gerondale, Edmond J Gibson, James C Gisee, Fred W Gigante, Nicola Gibert, Harold R Wy Gillespie, Stephen M D. Gillman, R. W (E)	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Garschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. (E) Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Wayne A. Gelibach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gisee, Fred W. Gigante, Nicola. Gilbert, Harold R. Wy Gillespie, Stephen M. Gingold, Samuel M. Ginsber, Harold I.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gaston, Harbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Grosse Point Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gibson, James C. Gibser, Fred W. Gigante, Nicola. Gibbert, Harold R. Wy Gillespie, Stephen M. D. Gillman, R. W. Ginsberg, Harold I. Ginsberg, Harold I. Ginsberg, Harold I. Gistin, Charles. Gillin, Charles.	Detroit Ingham Detroit ingham Detroit
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Ganner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gaston, Harbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Gelbert, I. Gellert, I. Gellert, I. Gemeroy, J. Gemeroy, J. Gese, Fred W. Giste, Harold R. Gillman, R. Gillman, R. Gillman, R. Gillman, C. Gillin, Charles. Gitlin, Charles. Gitlin, Julius R. Geittin, Marchael Gittins, Perry C.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Garschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehring, Harold W. Geib, Ledru O. Geib, Wayne A. Gelbert, Ledru O. Geiter, Clyde W. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gisse, Fred W. Gigante, Nicola. Gillman, R. W. Gillman, R. W. Gillspie, Stephen M. Ginsberg, Harold I. Ginsberg, Harold I. Gitlin, Charles. Gittins, Perry C. Glasgow, Gordon K.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Garschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Wayne A. Gelbert, Clyde W. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Giese, Fred W. Gigante, Nicola. Gibert, Harold R. Wy Gillespie, Stephen M. Di Gillman, R. W. Gillman, Charles. Gittin, Julius R. Gittins, Perry C. Glasgow, Gordon K. Glassman, Samuel Glazer Walter S.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. (E) Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Wayne A. Gelib, Ledru O. Geib, Wayne A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. (E) Giese, Fred W. Gigante, Nicola. Gibert, Harold R. Wy Gillespie, Stephen M. D. Gillman, R. W. Gingold, Samuel M. Ginsberg, Harold I. Gitlin, Charles. Gitlin, Julius R. Gittins, Perry C. Glassow, Gordon K. Glassman, Samuel Glazer, Walter S. Gleason, John E.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Gelbach, Philip D. Gellert, I. S Gemeroy, J. C. Gemordale, Edmond J. Gibson, James C. Gibser, Harold R. Wy Gillespie, Stephen M. Gillert, Harold R. Gillert, Gidlin, Charles Gittin, Charles Gittin, Charles Gittins, Perry C. Glasson, John E. Gleason, John E. Grosse Pointe	Detroit Farms
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Gelbach, Philip D. Geilert, I. S. Gemeroy, J. C. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gigante, Nicola. Gillman, R. Gillman, R. Gillman, R. Gillman, R. Gillman, R. Gillin, Charles. Gitlin, Charles. Gitlin, Charles. Gillin, Charles. Gillin, Glassman, Samuel. Glasson, John E. Gleeson, John E. Gleeson, John E. Gleesen, Raymond B.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Garschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Wayne A. Gelbech, Philip D. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gisson, James C. Gister, Harold R. Wy Gillman, R. W. Gillman, R. Wy Gillspie, Stephen M. Ginsberg, Harold I. Gitlin, Charles. Gitlin, Julius R. Gittins, Perry C. Glasgow, Gordon K. Glassman, Samuel Glazer, Walter S. Gleason, John E. Glees, J. L. Grosse Pointe Glowacki, B. F.	Detroit Farms Detroit Detroit Farms Detroit De
Gamble, Parker B. Gannan, Arthur M. Garschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Wayne A. Gelbert, Clyde W. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Giese, Fred W. Gigante, Nicola. Gilbert, Harold R. Wy Gillspie, Stephen M. Gillspie, Stephen M. Ginsberg, Harold I. Gitlin, Charles. Gittins, Perry C. Glassom, John E. Glasson, John E. Gleason, John E. Gleason, John E. Gleason, John E. Glement, Raymond B. Glowacki, B. F. Gmeiner, Clarence C. Goerke, Elmer A. Reserved.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Gib, Ledru O. Geib, Wayne A. Geiter, Clyde W. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gises, Fred W. Gigante, Nicola. Gilbert, Harold R. Wy Gillespie, Stephen M. D. Gillman, R. W. Gingold, Samuel M. Ginsberg, Harold I. Gittin, Charles. Gittin, Charles. Gittin, Charles. Gittins, Perry C. Glasgow, Gordon K. Glassman, Samuel Glazer, Walter S. Gleason, John E. Glees, J. L. Grosse Pointe Glement, Raymond B. Glowacki, B. F. Gmeiner, Clarence C. Goerke, Elmer A. Goetz, Angus G.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Gelbach, Philip D. Gellert, I. S Gemeroy, J. C. Gemordale, Edmond J. Gibson, James C. Gilbert, Harold R. Wy Gillspie, Stephen M. Gillspier, Stephen M. Gillspier, Harold R. Gittins, Charles. Gittin, Charles. Gittins, Perry C. Glasgow, Gordon K. Glassman, Samuel Glazer, Walter S. Gleason, John E. Glese, J. Glement, Raymond B. Glowacki, B. F. Gmeiner, Clarence C. Goerke, Elmer A. Goldhery, Arthur	Detroit ingham Detroit te Park Detroit
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gatson, Herbert B. Gatson, Herbert B. Gatson, Herbert B. Gatson, Harold W. Gehring, Harold W. Gehring, Harold W. Gehring, Harold W. Geitz, Wm. A. Gelbach, Philip D. Geiler, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gisse, Fred W. Gigante, Nicola. Gilbert, Harold R. Wy Gillespie, Stephen M. Gillman, R. W. Gillman, R. W. Gillin, Charles. Gitlin, Charles. Gitlin, Charles. Gitlin, Julius R. Glassman, Samuel. Glazer, Walter S. Gleason, John E. Glees, J. L. Grosse Pointer Glees, J. L. Grosse Pointer Gleason, John E. Glees, J. L. Grosse Pointer Groetz, Angus G. Goins, Wm. F. Goldberg, Arthur. Goldberg, Arthur. Goldberg, Arthur.	Detroit Detroi
Fullenwider, Allan C. Fuller, Hugh M. Fulton, Wm. James. Gaba, Howard. Gabe, Sigmund. Gabe, Sigmund. Gabe, Sigmund. Galeneau, D. Mitchell. Galantowicz, H. C. Galdonyi, Laiol. Galdonyi, Laiol. Galdonyi, Nicholas. Galerneau, D. B. Garneau, D. B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Birm Geib, Ledru O. Geib, Wayne A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Giese, Fred W. Gigante, Nicola. Gibbert, Harold R. Wy Gillespie, Stephen M. D. Gillman, R. W. (E) Gingold, Samuel M. Ginsberg, Harold I. Gitlin, Charles. Gidtin, Julius R. Gittins, Perry C. Glassow, Gordon K. Glassman, Samuel. Glazer, Walter S. Gleason, John E. Glees, J. L. Grosse Pointe Gleason, John E. Gleorke, Elmer A. Goetz, Angus G. Gooins, Wm. F. Goldberg, Arthur Goldberg, Arthur Goldberg, Arthur	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Wayne A. Gelbert, Howard B. Geiter, Clyde W. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Giese, Fred W. Gigante, Nicola. Gillman, R. W. Gillman, R. W. Gillman, R. W. Gillman, R. Gittins, Perry C. Glasgow, Gordon K. Glassman, Samuel. Glazer, Walter S. Gleason, John E. Gleason, John E. Gleovacki, B. F. Gmeiner, Clarence C. Goerke, Elmer A. Godiberg, Arthur. Goldberg, Arthur. Goldberg, Nathan. Goldberg, Nathan. Goldin, M. I. Goldberg, Nathan. Golddin, M. I. Goldberg, Nathan.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Geib, Ledru O. Geib, Wayne A. Gelbert, Clyde W. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Giese, Fred W. Gigante, Nicola. Gilbert, Harold R. Wy Gillspie, Stephen M. Gillspie, Stephen M. Gillspie, Stephen M. Gillman, R. W. Gillman, R. W. Gillin, Julius R. Gittins, Perry C. Glasgow, Gordon K. Glassman, Samuel Glazer, Walter S. Gleason, John E. Gleason, John E. Gleason, John E. Gleason, Glees, J. L. Grosse Pointe Gleaser, Clarence C. Goerke, Elmer A. Goetz, Angus G. Goins, Wm. F. Goldberg, Arthur. Goldberg, Arthur. Goldberg, Nathan Goldin, M. I. Goldman, Aubrey. Goldsmith, Joseph D.	Detroit Detroi
Gamble, Parker B. Gannan, Arthur M. Ganschow, John H. Gardner, Lawrence. Gariepy, Louis J. Garner, Howard B. Gaston, Herbert B. Gates, Nathaniel H. Gaynor, Alex. Gehring, Harold W. Gehrke, August E. Gib, Ledru O. Geib, Wayne A. Geiter, Clyde W. Geitz, Wm. A. Gelbach, Philip D. Gellert, I. S. Gemeroy, J. C. Gerondale, Edmond J. Gibson, James C. Gese, Fred W. Gigante, Nicola. Gilbert, Harold R. Wy Gillespie, Stephen M. D. Gillman, R. W. Gingold, Samuel M. Ginsberg, Harold I. Gittin, Charles. Gittin, Charles. Gittin, Charles. Gittin, Perry C. Glasgow, Gordon K. Glassman, Samuel Glazer, Walter S. Gleason, John E. Glees, J. L. Grosse Pointe Glement, Raymond B. Glowacki, B. F. Gmeiner, Clarence C. Goorke, Elmer A. Gotty, Angus G. Goins, Wm. F. Goldberg, Nathan. Goldderg, Nathan. Goldderg, Nathan. Golddman, Aubrey. Goldstone, R. R.	Detroit Detroi

Gollman, Maurice D. Gonne, Wm. S. Goodrich, B. E. Gordon, John W	
Gonne Wm S	Detroit
Ci - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Detroit
Goodrich, B. E.	Detroit
Gordon, John W	R) Detroit
Gorelick Martin H.	Detroit
Gorning Raymond P	Dearborn
Goryl, Stephen V.	Detroit
Goss, Samuel B.	Detroit
Gottschalk, Fred W	Detroit
Gould, S. E.	Eloise
Gouy Louise T	Detroit
Goux. R. S	Detroit
Grace, J. M.	Detroit
Graff, J. M.	Detroit
Graham, Julius A	Detroit
Grain, Gerald O.	Detroit
Gramley Wm	Detroit
Granger, Francis I	Detroit
Gratton, Henri L.	Detroit
Gravelle, Lawrence J.	Detroit
Green, Ellis R.	Detroit
Green Lowis W	Detroit
Green, Nelson W	Detroit
Green, Simpson W	ant_Ridge
Greenberg, Jack R.	Detroit
Greenberg, Julius J	Detroit
Greenberg, Morris Z	Detroit
Greenidge Pol	Detroit
Greenlee Wm Tate	Detroit
Greiner, Bert A.	Detroit
Grekin, John N.	Detroit
Grekin, Samuel L	Detroit
Griffith, Arthur J.	Detroit
Grimoldi C. Phillip	Belleville
Grinstein Alexander	Detroit
Grob, Otto	Detroit
Grossman, Sol	Detroit
Gruber, T. K.	Eloise
Gurdian F S	Dearborn
Grossman, Sol. Gruber, T. K. Guimaraes, A. S. Gurdjian, E. S. Gutow, Benjamin R.	Detroit
Haefele I all p	Detroit
LI-L: Gard	den City
Hale, Arthur S. Hall, Archie C. Hall, E. Walter	Detroit
Hall, Archie C.	Detroit
Hall James A. T.	Detroit
Hall, Ralph F	Detroit
Hall, Robert J.	Detroit
Haluska, Joseph A.	Detroit
II Amada Norman V	
Hamburger A C	Detroit
Hamburger, A. C. Hamil, Brenton M	Detroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C.	Detroit Detroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William	Detroit Detroit Detroit Detroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, Wm. F. (L)	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, Wm. F. (L) Hammer, Edwin J. S. C.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William. Hamilton, Wm. F. (L) Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E.	Detroit Detroit Detroit Detroit Detroit Detroit Co. Cal.
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Local Detroit Local
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William. Hamilton, William. Hamilton, William. Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Local Detroit Local Lo
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, Wm. F. (L) Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard. Hanna, E. Howard. Hanna, Fredexick F.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Co, Cal. Detroit Linkster Detroit Loetroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joshua.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Loetroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Loetroit Detroit Detroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hamnond, James L. Hand, Fordus V. Hanna, E. Howard. Hansen, Frederick E. Hanser, Joshua. Hanser, Joshua. (L)	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Co, Cal. Detroit Linkster Detroit Detroit Detroit Detroit Detroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joshua. Hanson, Frederick N. Hanson, Joseph.	Detroit Loetroit Loetroit Loetroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Wayne
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joshua	Detroit Loetroit Loetroit Loetroit Loetroit Loetroit Loetroit Loetroit Loetroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joseph Hanson, Frederick N. Hanson, Frederick N. Hanson, Frederick N. Hardstaff, R. John Hardstaff, R. John	Detroit Local Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hamnond, James L. Hand, Fordus V. Hanna, E. Howard. Hansen, Frederick E. Hanser, Joshua. Hansen, Frederick N. Hanson, Frederick N. Hanson, Joseph. Harelik, E. W. Hardstaff, R. John. Harely, George C. Harley, Garth H.	Detroit Unkster Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joshua Hanson, Frederick N. Hanson, Joseph Harelik, E. W. Hardy, George C. Harley, Garth H. Harley, Louis M.	Detroit Loc, Cal. Detroit Local Detroit Local Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hanser, Joshua. Hansen, Frederick E. Hanser, Joshua. Hanson, Frederick N. Hanson, Joseph Harelik, E. W. Hardstaff, R. John Hardy, George C. Harley, Garth H. Harley, Louis M. Harn, W. B.	Detroit Linkster Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hamnond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hansen, Frederick E. Hanson, Joseph Harelik, E. W. Hardstaff, R. John Hardy, George C. Harley, Garth H. Harley, Louis M. Harper, Jesse T.	Detroit Loetroit Loetroit Loetroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hamnond, James L. Hand, Fordus V. Hanna, E. Howard. Hansen, Frederick E. Hanser, Joshua. (L) Hanson, Frederick N. Hanson, Joseph. Harelik, E. W. Hardstaff, R. John. Harelik, E. W. Harley, Garth H. Harley, Louis M. Harrn, W. B. Harper, Jesse T. Harrell, Voss. Harrell, Voss.	Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joshua. (L) Hanson, Joseph Harelik, E. W. Hardik, E. W. Hardy, George C. Harley, Garth H. Harley, Louis M. Harm, W. B. Harper, Jesse T. Harrell, Voss. Harris, Harold H. Harris, Ivor D.	Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hansen, Joshua. (L) Hanson, Frederick N. Hanson, Frederick N. Hanson, Joseph Harelik, E. W. Hardstaff, R. John Hardy, George C. Harley, Garth H. Harley, Louis M. Harm, W. B. Harper, Jesse T. Harris, Harold H. Harris, Ivor D. Harrison, Hugh. (E)	Detroit Linkster Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joshua	Detroit Loetroit Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hand, Fordus V. Hanna, E. Howard. Hansen, Frederick E. Hanser, Joshua. (L) Hanson, Frederick N. Hanson, Frederick N. Hanson, Joseph. Hardik, E. W. Hardstaff, R. John Hardy, George C. Harley, Garth H. Harley, Louis M. Harley, Louis M. Harrell, Voss. Harris, Harold H. Harris, Ivor D. Harrison, Wesley. Hart, Charles E. Hart, Clarence	Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hansen, Joshua. (L) Hannon, Joseph Hansen, Frederick N. Hanson, Frederick N. Hanson, Joseph Harelik, E. W. Hardstaff, R. John Hardy, George C. Harley, Garth H. Harley, Louis M. Harm, W. B. Harrell, Voss. Harris, Harold H. Harris, Ivor D. Harrison, Hugh Harrison, Wesley. Hart, J. Clarence.	Detroit
Hale, Arthur S. Hall, Archie C. Hall, E. Walter. Hall, James A. J. Hall, Ralph E. Hall, Robert J. Hammer, A. C. Hamil, Brenton M. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hammond, James L. Hand, Fordus V. Hanna, E. Howard Hanser, Joshua. Hanser, Joshua. Hanser, Joshua. Hanson, Frederick E. Hansen, Frederick N. Hanson, Frederick N. Harelik, E. W. Hardstaff, R. John Hardy, George C. Harley, Garth H. Harley, Louis M. Harm, W. B. Harrison, Hugh Harrison, Hugh Harrison, Hugh Harrison, Hugh Harrison, Hugh Hart, Charles E. Hart, J. Clarence. Hartmann, W. B. Hartzell, John B.	Detroit
Hamburger, A. C. Hamil, Brenton M. Hamilton, Norman C. Hamilton, William Hamilton, William Hamilton, William Hamilton, William Hammer, Edwin J. Hammer, Howard J. San Francis Hammond, A. E. Hand, Fordus V. Hanna, E. Howard Hansen, Frederick E. Hanser, Joshua	Detroit
Hasley, Clyde K	Detroit Detroit
Hartzell, John B. Hasley, Clyde K. Hasley, Daniel E. Hassig, Walter W. Hastings, Orville J. Hause, Glen E. Hauser, I. Jerome. Hauser, John E. Hauser, Maurice. Hauser, Maurice. Havers, Howard. Hawkins, James W. Hayes, Joseph D. Heath, Leonard P. Heath, Parker. Bloomfield	Detroit Hills
Hartzell, John B. Hasley, Clyde K. Hasley, Daniel E. Hassig, Walter W. Hastings, Orville J. Hause, Glen E. Hauser, I. Jerome. Hauser, John E. Hauser, Maurice. Hauser, Maurice. Havers, Howard. Hawkins, James W. Hayes, Joseph D. Heath, Leonard P. Heath, Parker. Bloomfield	Detroit Hills
Hartzell, John B. Hasley, Clyde K. Hasley, Daniel E. Hassig, Walter W. Hastings, Orville J. Hause, Glen E. Hauser, I. Jerome. Hauser, John E. Hauser, Maurice. Hauser, Maurice. Havers, Howard. Hawkins, James W. Hayes, Joseph D. Heath, Leonard P. Heath, Parker. Bloomfield	Detroit Hills
Harrzell, John B. Hasley, Clyde K. Hasley, Daniel E. Hassig, Walter W. Hastings, Orville J. Hause, Glen E. Hauser, J. Jerome. Hauser, John E. Hauser, Maurice. Havers, Howard. Hawkins, James W. Hayes, Joseph D. Heath, Leonard P. Heath, Parker.	Detroit Hills

** ***	
Hedrick, Donald W	Detroit
Heenan, T. H.	Detroit
Heideman, Louis	Detroit
Heldt, Thomas J	Detroit
Hendelman, Manuel H.	Detroit
Henderson, A. B.	Detroit
Henderson, Harold	Detroit
Henderson, Leslie T	Detroit
Henderson Wrn F	Detroit
Henig Fred	Detroit
Henrich T P	Detroit
Hearlien, L. E.	Detroit
Herkimer, Dan R	Lincoln Park
Herroid, Rose E	Detroit
Herschelmann, Roy F	Detroit
Hershey, Lynn N	Birmingham
Hewitt, Leland V	Detroit
Hewitt, Robert S.	Dearborn
Heyner, Stanley A.	Detario
Hickey, Joseph	Detroit
Hicks, Fred G	Detroit
Hickert I M	Dearborn
Highee Arthur T	Detroit
Hileman I	Detroit
Hillenband Ale	Ecorse
Hillenbrand, Altred E	Grosse Pointe
fillenbrand, Carl M	Detroit
Hiller, Glenn I	Detroit
Hilton, Wm. E	Detroit
Hinko, Edward N	Floise
Hirschfield, Alexander H	Detroit
Hirschman, L. J	Detroit
Hochman, Morton M	Detroit
Hodgkinson, C. P.	Detroit
Hodoski Frank I	Detroit
Hoenig Andrew I	Detroit
Hoffman F C	Mancelona
Hoffman Fd.	Detroit
Hoffman, Edward A	Detroit
Hoffman, Harry Y	Detroit
Henry A	Detroit
Hoffmann, Martin H	Detroit
Holcomb, August A	Northville
Holcomb, Clayton E.	Detroit
Hollander, A. J.	Detroit
Hollis, Henry B.	Detroit
Holloway, Horace R	Detroit
Holman, Herbert H	Detroit
Holmes Alfred W	Detroit
Holt Henry T	Detroit
Honbart Fred I	Detroit
Honor W- II	Detroit
Hooken T. A.	Wyandotte
Hookey, J. A	Wyandotte
Hooper, Norman L	Detroit
Hoops, George B.	Detroit
Hopkins, J. E.	Detroit
	The state of the s
Horan, Thomas	Detroit
Horan, Thomas	Detroit
Horan, Thomas Horkins, Harold A Horny, Hugo.	Detroit Detroit
Horan, Thomas Horkins, Harold A Horny, Hugo Horton, Reece H	Detroit Detroit Detroit
Horan, Thomas	Detroit Detroit Detroit Detroit
Horan, Thomas Horkins, Harold A. Horny, Hugo. Horton, Recee H. Horvath, Louis O. Horwitz, John B.	Detroit Detroit Detroit Detroit Detroit Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss Losi M.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard Aug. 7	Detroit Detroit Detroit Detroit Detroit Farmington
Horan, Thomas Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J.	Detroit Farmington Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Farmington Detroit Detroit
Horan, Thomas Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Parmington Detroit Detroit Detroit Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Parmington Detroit
Horan, Thomas Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howlett, Howard T. Hromadko, Louis. Hubbard, John P.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howerd, Phillip J. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, John P. Hubbard, J. Stewart.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howlet, Howard T. Hromadko, Louis Hubbard, Ralph G. Hudson, J. Stewart Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howard, Phillip J. Howes, Homer Allen. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, Verne G.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howes, Willard Boyden. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, Verne G. Hunter, Basil H.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Fene G. Hunter, Elmer N.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, J. Stewart. Hudson, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband, Charles W.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillio J. Howell, Bert F. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, W. A. Huegli, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Elmer N. Hussey, Raymond.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howerd, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussen, Raymond. Hyatt, Jarvis M.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Willard Boyden. Howes, Willard Boyden. Howest, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W.	Detroit
Horan, Thomas. Horkins, Harold A. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, T. H. Hunt, Clarler N. Husband, Charles W. Husband, Charles W. Hust, Jarvis M. Hyde, Frederick W. Hyde, Frederick W.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Willard Boyden. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband, Charles W. Husband, Charles W. Husband, S. J. Lacobell, Peter H.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Palph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Basil H. Hunter, Basil H. Hunter, Horner N. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, Ralph G. Hubbard, Ralph G. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Inle, Lyman F. Ch.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Hueşli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, T. H. Hunt, T. H. Hunter, Elmer N. Hussey, Raymond Hyatt, Jarvis M. Hyde, Frederick W. Hyde, Frederick W. Hyman, S. J. Iagoatell, Peter H. Igna, Eli J. Ignatius, A. A. Inle, Lyman E. Lochipper M.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Willard Boyden. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart Hudson, J. Stewart Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband, Charles W. Hussey, Raymond Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Lacobell, Peter H. Igna, Eli J. Ignatius, A. A. Inlie, Lyman E. Chippet Insley, Stanley W. Lynin, Earle Albert	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Ihle, Lyman E. Chipper Insley, Stenley W. Irvin, Earle Albert.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, J. Stewart. Hudson, Wilfred A. Huegli, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Husband. Charles W. Hussey, Raymond Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Ihle, Lyman E. Chippeu	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, Ralph G. Hubbard, Ralph G. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Israel, Barney B. Lyzael L. Lyzael E. Lyzael L. Lyzael E. Lyzael L. Lyzael E. Lyzael L. Lyzael E. Lyzael L.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Ignatius, A. A. Ihle, Lyman E. Chippet Insley, Stanley W. Israele, Ji. G. Israel, J. G.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Willard Boyden. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart Hudson, J. Stewart Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussey, Raymond Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Ihle, Lyman E. Chippet Insley, Stanlev W. Irvin, Earle Albert Irvin, W. A. Israel, J. G. Iwata, Herbert	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Elmer N. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Ihle, Lyman E. Chipper Insley, Stenley W. Irvin, Earle Albert. Irwin, W. A. Israel, J. G. Iwata, Herbert. Jackson, George F.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Willard Boyden. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, J. Stewart. Hudson, Wilfred A. Huegli, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, T. H. Hunter, Elmer N. Husbard. Charles W. Hussey, Raymond Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Israel, Barney B. Israel, J. G. Iwata, Herbert. Jackson, George F. Jacobson, Samuel D.	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo. Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howell, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howest, Howard T. Hromadko, Louis. Hubbard, Ralph G. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, T. H. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Igna, Eli J. Ignatius, A. A. Israel, Barney B. Israel, J. G. Iwata, Herbert. Jacobson, Samuel D. Jacoby, Myron D.	Detroit
Hedrick, Donald W. Heenan, T. H. Heideman, Louis. Heldt, Thomas J. Hendelt, Thomas J. Henderson, A. B. Henderson, A. B. Henderson, Harold Henderson, Leslie T. Henderson, Wm. E. Henig, Fred. Henrich, L. E. Herkimer, Dan R. Herrold, Rose E. Herschelmann, Roy F. Hershey, Lynn N. Hewitt, Leland V. Hewitt, Leland V. Hewitt, Robert S. Heyner, Stanley A. Hickey, Joseph. Hicks, Fred G. Hiebert, J. M. Higbee, Arthur L. Hileman, Lee. Hillenbrand, Alfred E. Hillenbrand, Alfred E. Hillenbrand, Carl M. Hiller, Glenn I. Hilton, Wm. E. Hinko, Edward N. Hirschman, L. J. Hochman, Morton M. Hodgkinson, C. P. Hodoski, Frank J. Hoenig, Andrew L. Hoffman, E. S. Hoffman, Edward A. Hoffman, Harry Y. Hoffman, Henry A. Hollander, A. J. Hollander, A. J. Hollander, A. J. Holls, Henry B. Holloway, Horace R. Hollman, Herbert H. Holows, J. A. Hooper, Norman L. Hooper, Nor	Detroit
Horan, Thomas. Horkins, Harold A. Horny, Hugo Horton, Reece H. Horvath, Louis O. Horwitz, John B. Hotchkiss, Loris M. Howard, Austin Z. Howard, Phillip J. Howerl, Bert F. Howes, Homer Allen. Howes, Willard Boyden. Howlett, Howard T. Hromadko, Louis. Hubbard, John P. Hubbard, Ralph G. Hudson, J. Stewart. Hudson, Wm. A. Huegli, Wilfred A. Huff, Reginald G. Hughes, Alberti A. Hull, L. W. Hunt, T. H. Hunt, Verne G. Hunter, Basil H. Hunter, Elmer N. Husband. Charles W. Hussey, Raymond. Hyatt, Jarvis M. Hyde, Frederick W. Hyman, S. J. Iacobell, Peter H. Ignatius, A. A. Ihle, Lyman E. Lordell, J. G. Israel, J. G. Iwata, Herbert Jackson, George F. Jacobson, Samuel D. Jacoby, Myron D. Jaeger, Grove A. Jaeger, Grove A. Jaeffe, I. Jaffar, Donald J. Jaffar, Donald J. Jaffar, Jacob. Jaffar, Louis. Jahsman, William E.	

James, Richard G. Detroit Jamieson, Thomas J. Lincoln Park Janicki, Natalia J. Eloise Jarre, Hans A. Detroit Jarvis, Harold. Detroit Jarvis, Harold. Detroit Jarzynka, Frank J. Detroit Jend, Wm. (L.) Detroit Jend, Wm. (L.) Detroit Jenne, Byron H. Detroit Jennings, Robert M. Detroit Jennings, Robert M. Detroit Jentgen, Charles J. Detroit Jentgen, Charles J. Detroit Jentgen, L. G. Detroit Jermias, Robert C. Detroit Jermias, Robert C. Detroit Jermias, Robert C. Detroit Jocz, M. W. Grosse Pointe Park Jodar, E. O. Detroit Johnson, Homer L. Detroit Johnson, Homer L. Detroit Johnson, Vernon P. Detroit Johnson, Vernon P. Detroit Johnson, Vernon P. Detroit Johnston, Charles G. Detroit Johnston, J. A. Detroit Johnston, John L. Detroit Johnston, Wm. E. Detroit Johnston, Wm. E. Detroit Johnston, Wm. E. Detroit Johnston, Wm. E. Detroit Jones, Adrian R. Detroit Jones, Edna M. V. Detroit Jones, Edna M. V.
James, Richard GDetroi
Janicki, Natalia I
Jarre, Hans A.
Jarvis, Harold Detroit
Jarzynka, Frank J. Detroit
Jasion, Lawrence JDearborn
Jenkins, E. A Detroit
Jenne, Byron HDetroit
Jennings, Robert MDearborn
Jentgen, L. G. Detroit
Jenton, O. HenryDetroit
Jewell F C. Detroit
Jocz, M. WGrosse Points Pol
Jodar, E. O. Detroit
Johnson, Homer L. Detroit
Johnson, Ralph ADetroit
Johnson, Vernon P. Detroit
Johnson, W. H. M. Detroit
Johnston, Charles GDetroit
Johnston, J. A. Detroit
Johnston, John L. Detroit
Johnstone Renjamin T
Joinville, E. VDetroit
Jones, Adrian RDetroit
Jones, E. V. Detroit Jones, Adrian R. Detroit Jones, Arthur J. Detroit Jones, Edna M. Northville Jones, L. Faunt
Jones, Edna M. Northville Jones, L. Faunt Detroit Jones, Roy D. Detroit Jordan, R. Gerald Detroit Joyce, Stanley J. Detroit Juliar, Benjamin Detroit Jurow, Harry N. Detroit
Jones, Roy D. Detroit
Joyce, Stanley J. Detroit
Juliar, BenjaminDetroit
Jurow, Harry NDetroit
Kallyjian, Bernard S
Kallman, David
Kallman, David Detroit Kallman, Leo Detroit Kallman, R. Robert Detroit Kaminski, Zeno L Detroit Kamperman, George A
Kaminski Zeno I
Kamperman, George A. Detroit
Kanter, HermanDetroit
Kallman, R. Robert. Detroit Kaminski, Zeno L. Detroit Kaminski, Zeno L. Detroit Kamperman, George A. Detroit Kanter, Herman Detroit Kapetansky, A. J. Detroit Kapetansky, Nathan J. Detroit Kaplita, Walter A. Hamtramck Karr, Herbert S. Detroit Kasabach, Harry Y. Detroit Kasaback, V. Y. Detroit Kasper, Joseph A. Detroit Kasper, Joseph A. Detroit Kass, Arnold Detroit Kass, J. B. Detroit Kass, J. B. Detroit
Kaplita, Walter A. Hamtramsk
Karr, Herbert SDetroit
Kasaback, V. Y. Detroit
Kasper, Joseph ADetroit
Kass, J. B. Detroit
Kates, Simon CDetroit
Kaump Doneld II
Kauppinen, J. A. Detroit
Kay, Edward WHamtramck
Kazdan, Morris A Detroit
Keane, Wm. EAllen Park
Kehoe Henry I
Keim, H. L. Betroit
Kelson Molecia Detroit
Kemler, Walter IDetroit
Kemp, Hardy ADetroit
Kennedy, Charles S. Detroit
Kennedy, Donald JDetroit
Kennedy, Lester FDetroit
Kern, W. H. Garden City
Kernkamp, RalphDetroit
Kersten, Armand G
Kersten, WernerDetroit
Keshishian Sarkia P
Keyes, Eugene Charles Dearborn
Keyes, John WDetroit
Kidner, Frederick C. Sault Ste. Marie
Kimberlin, Kenneth KDetroit
King, Melbourne T
Kingswood, Roy C. Detroit
Kinsley, GeorgeDetroit
Kirker, J. G. Detroit
Kirschbaum, Harry MDetroit
Klein William Detroit
Kasper, Joseph A. Detroit Kass, Arnold. Detroit Kass, Arnold. Detroit Kass, J. B. Detroit Kates, Simon C. Detroit Katernan I. S. Detroit Kaump, Donald H. Detroit Kauppinen, J. A. Detroit Kauppinen, J. A. Detroit Kauppinen, J. A. Detroit Kazdan, Louis. Detroit Kazdan, Morris A. Allen Park Keazdan, Morris A. Allen Park Keating, Thomas F. Detroit Kehoe, Henry J. East Detroit Kelmenson, V. A. Detroit Kelmenson, V. A. Detroit Kelmenson, V. A. Detroit Kemp, H. L. Detroit Kenner, Walter J. Escore Kemp, Hardy A. Detroit Kennedy, Charles S. Detroit Kennedy, Charles S. Detroit Kennedy, Charles S. Detroit Kennedy, Charles S. Detroit Kennedy, Robert B. Detroit Kennedy, Robert B. Detroit Kern, W. H. Garden City Kernkamp. Ralph Detroit Kersten, Armand G. Detroit Kersten, Armand G. Detroit Kersten, Werner. Detroit Kersten, Werner. Detroit Keshishian, Sarkis K. Detroit Keshishian, Sarkis K. Detroit Keyes, Eugene Charles Dearborn Keyes, John W. Detroit Kibzey, Ambrose T. Sault Ste. Marie Kidner, Frederick C. Detroit Kings, Melbourne J. Detroit Kings, George Detroit Kirschbaum, Harry M. Detroit Klies, Star J. Detroit Klies, Star J. Detroit Kline, Lewis Le Roy Detroit
Kliger, David Detroit
Kliger, David Detroit Kline, Lewis Le Roy Detroit Kline, Starr L Detroit Klosowski, Joseph Detroit Klote, M. D. Detroit
Klosowski, JosephDetroit
Klote, M. DDetroit

Knaik Koes Koes Kovak Knaik Kraik Kr

JULY

	T .
Knaggs, Charles WGrosse	Pointe
Knaggs, Earl JWya	ndotte
Knapp, Byron SRiver	Kogue
Knapp, Floyd	Detroit
Knobloch, Edmund J.	Detroit
Knoch, Hubert S	Detroit
Knox Ross M	Escorse
Kachel R. H.	Detroit
Koerher Edward J.	Detroit
Koessler George L	Detroit
Kohn M E.	Detroit
Kokowicz Raymond I.	Detroit
Walass W B	Detroit
Kolasa, Toseph O	Detroit
Kopel, Joseph Charles I	Detroit
Korby, George James	Eloise
Koren, Louis	Detroit
Kossayda, Adam Want	Detroit
Koster, Kocit	Detroit
Kovach, Ellery I	Detroit
Kovan, D. D.	Detroit
Koven, Abraham	Detroit
Kozlinski, Anthony E	Detroit
Kozlow, Louise E	Detroit
Kraft, Raymond B	Detroit
Kraft, Ruth M	Detroit
Krass, Edward W	Detroit
Kraus, John J	Detroit
Krebs, William T	Detroit
Kreinbring, George E	Detroit
Kretzschmar, Clarence A	Detroit
Knaggs, Charles W. Grosse Knaggs, Earl J. Wya Knapp, Byron S. River Knapp, Floyd. Knobloch, Edmund J. Knoch, Hubert S. Knox, Ross M. Koebel, R. H. Koerber, Edward J. Koessler, George L. Kohn, M. E. Kokowicz, Raymond J. Kolasa, W. B. Kopel, Joseph O. Korby, George J. Koren, Louis. Kossayda, Adam W. Koster, Koert. Kovach, Emery P. Kovan, D. D. Koven, Abraham Kozlinski, Anthony E. Kozlow, Louise E. Kraft, Raymond B. Kraft, Ruth M. Krass, Edward W. Kraus, John J. Krebs, William T. Kreinbring, George E. Kretzschmar, Clarence A. Krieger, Harley L. Kritchman, M. J. Kroha, Lawrence. Kroha, Albert H. Krynicki, Francis X.	Detroit
Krieg. Earl G.	Detroit
Krieger, Harley L.	Detroit
Kritchman, M. I.	Detroit
Kroha, Lawrence	Detroit
Kroha, Lawrence Krohn, Albert H. Krynicki, Francis X. Kubanek, Joseph L. Kuemierz, Francis S. Kuhn, Albert A. Kuhn, Richard F. Kulaski, Chester H. Kullman, Harold, J. Kurtz, J. A. Kurtz, I. J. Kwasiborski, S. A. Wya	Detroit
Krynicki Francis X	Detroit
Kubanek Joseph I. De	arborn
Vucmierz Francis S	Detroit
V.L. Albert A	Detroit
Kunn, Albert A.	Detroit
Kunn, Kichard F.	Detroit
Kulaski, Chester H.	Detroit
Kullman, Harold, JDe	Detroit
Kurcz, J. A	Detroit
Kurtz, I. J.	Detroit
Kwasiborski, S. AWya	andotte
La Pareza Tarres M Wy	ndotte
Laberge, James Mwys	Detroit
La bine, Alired C	Detroit
La Core, Ivan	Detroit
La Ferte, Alfred D	Detroit
Lakoff, Charles	Detroit
Lam Conrad R	
7 1 1 A	Detroit
Lamberson, Frank A	Detroit
Lamberson, Frank ALa Marche, Norman O	Detroit Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V.	Detroit Detroit Detroit
Lamberson, Frank ALa Marche, Norman OLammy, James VLampman, H. H	Detroit Detroit Detroit Detroit
Lamberson, Frank ALa Marche, Norman OLammy, James VLampman, H. HLanders, M. B., Sr	Detroit Detroit Detroit Detroit Detroit Detroit
Lamberson, Frank A	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lamberson, Frank A	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lamberson, Frank A	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lamberson, Frank A	Detroit
Lamberson, Frank A	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick. Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell.	Detroit
Lamberson, Frank A	Detroit
Lamberson, Frank A	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick Lang, Leonard W. Lanig, Leonard W. Laning, George M. Lansky, Mandell Lapham, Fred E. Larsson, Bror H. Lasley, James W.	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick. Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell. Lapham, Fred E. Larsson, Bror H. Lassaliev, James W. Lassaliev, S. J.	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick. Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell. Lapham, Fred E. Larsson, Bror H. Lasley, James W. Lassline, S. J. Lathrop, Philip L.	Detroit
Lamberson, Frank A	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick. Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell. Lapham, Fred E. Larsson, Bror H. Lassaline, S. J. Lathrop, Philip L. Latter, K. K. Laub, Norman D. Laub, Laub, Latter, K. Latter, K. Laub, Stanley V.	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell Lapham, Fred E. Larsson, Bror H. Lasley, James W. Lassline, S. J. Lathrop, Philip L. Latteier, K. K. Laub, Stanley V. Lauppe, Edward H.	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Langers, M. B., Jr. Lang, Ernst Frederick. Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell. Lapham, Fred E. Larsson, Bror H. Lasley, James W. Lassaline, S. J. Lathrop, Philip L. Latteier, K. K. Lauppe, Edward H. Lauppe, Edward H.	Detroit
Kwasiborski, S. A. Wys. LaBerge, James M. Wys. La Bine, Alfred C. La Core, Ivan. La Ferte, Alfred D. Lakoff, Charles. Lam, Conrad R. Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick. Lang, Ernst Frederick. Lang, Ernst Frederick. Lang, Ernst Frederick. Lange, Anthony H. Laning, George M. Lansky, Mandell. Lapham, Fred E. Larsson, Bror H. Lasley, James W. Lassel, James W. Lassaline, S. J. Lathrop, Philip L. Latteier, K. K. Laudpe, Edward H. Lauppe, Edward H. Lauppe, Edward H. Lauris, Eugene.	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick Lang, Leonard W. Laning, George M. Lansky, Mandell Lapham, Fred E. Larsson, Bror H. Lasley, James W. Lassline, S. J. Lathrop, Philip L. Latteier, K. K. Lauppe, Edward H. Lauppe, Edward H. Lauppe, F. A. Lauppe, Edward H. Lauppe, F. A. Lauppe, Edward H. Lauppe, Edward R.	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick. Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell. Lapham, Fred E. Larsson, Bror H. Lasley, James W. Lassaline, S. J. Lathrop, Philip L. Latteier, K. K. Laub, Stanley V. Lauppe, Edward H. Lauppe, F. A. Laurisin, Eugene. Lazar, Morton R. Leach, David.	Detroit
Lamberson, Frank A. La Marche, Norman O. Lammy, James V. Lampman, H. H. Landers, M. B., Sr. Landers, M. B., Jr. Lang, Ernst Frederick Lang, Leonard W. Lange, Anthony H. Laning, George M. Lansky, Mandell Lapham, Fred E. Larsson, Bror H. Lasley, James W. Lassline, S. J. Lathrop, Philip L. Latteier, K. K. Laub, Stanley V. Lauppe, Edward H. Laudde, F. A. Laurisin, Eugene. Lazar, Morton R. Leacch, David.	Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R Leach, David Leacock, Robert C	Detroit Detroit Detroit
Lazar, Morton R. Leach, David. Leach, David. Leacock, Robert C. Leader, L. R. Leaver, L. Ross. Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf. Leibauser, D. J.	Detroit
Lazar, Morton R. Leach, David. Leach, David. Leacock, Robert C. Leader, L. R. Leaver, L. Ross. Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf. Leibauser, D. J.	Detroit
Lazar, Morton R. Leach, David. Leach, David. Leacock, Robert C. Leader, L. R. Leaver, L. Ross. Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf. Leibauser, D. J.	Detroit
Lazar, Morton R. Leach, David. Leach, David. Leacock, Robert C. Leader, L. R. Leaver, L. Ross. Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf. Leibauser, D. J.	Detroit
Lazar, Morton R. Leach, David. Leach, David. Leacock, Robert C. Leader, L. R. Leaver, L. Ross. Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf. Leibauser, D. J.	Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David Leacock, Robert C. Leader, L. R. Leaver, L. Ross Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf Leithauser, D. J. Leland, Sol. Lemmon, Charles E. Lemmon, Clarence W. River Lentine, James J. Lenz, Willard R.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Lazar, Morton R. Leach, David. Leach, David. Leacock, Robert C. Leader, L. R. Leaver, L. Ross. Leckie, George C. Ledwidge, Patrick L. Lee, Harry E. Le Gallee, George M. Leibinger, Henry R. Leipsitz, Louis S. Leiser, Rudolf. Leibauser, D. J.	Detroit Eloise Detroit Rouge Detroit Detroit Detroit Detroit Detroit Detroit Detroit

rolation rotation in the state of the state

Levitt, Edward J	Detroit
Levy, Marvin B	Detroit
Lewis, Charles T	Detroit
Lewis, L. A	Detroit
Libbrecht, Robert VDe	Petroit
Lichtwardt, Hartman ALiddicoat. A. G	Detroit
Lieberman, B. L	Detroit
Lightbody, James J Lignell. Rudolph	Detroit
Lilly, Charles J	Detroit
Linn, Frank D	Eloise
Lipinski, Stanley L	Detroit
Lippold Paul H	Detroit Detroit
Lipton, Raymond	Detroit
Lipshutz, Louis	Eloise
Livingston, George D	Detroit
Livingston, George M(R)	Detroit Detroit
Lockwood, Bruce C	Detroit
Lofstrom, James E	Detroit
Long, John J	Detroit
Longyear, Harold W	Detroit
Loranger, C. B	Detroit
Lorber, Joseph H	Detroit
Lovas, W. S	Detroit
Love, W. Thomas	Detroit
Lovell, B. K	Detroit
Lowe, Townsend	Detroit
Lowrie, G. B(L) Grosse	Pointe
Lowry, George L.	Detroit
Luce, Henry A	Detroit
Lum, Thomas KWilliams Fiel	d Ariz.
Lutz, Earl F	Detroit
Lynn, Harvey D	Detroit
Lyons, L. Mason	Detroit
Lytle Robert P.	Detroit
Mohan Frank D	Detroit
Mabley, J. Donald	Detroit
MacArthur, Robert A	Detroit
MacCracken, Frances L	
MacDougall, Orrin P	Detroit
MacDougall, Orrin P MacFarlane, Howard W	Detroit Detroit
MacDougall, Orrin P	Detroit Detroit Detroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D.	Detroit Detroit Detroit Detroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. Mackenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. Mackenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Edward P. MacKenzie, John W. Grosse Mackersie, W. G. MacMallin, Experie R.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacMillen, Frank B.	Detroit Pointe Detroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacMullen, Frank B. MacQueen, Malcolm D.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Petroit Pointe Detroit Detroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacOueen, Malcolm D. MacPherson, K. C. MacZenski, John E.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Petroit Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacMullen, Frank B. MacOueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha.	Detroit Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacMullen, Frank B. MacOueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacMullen, Frank B. MacOueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M.	Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacMullen, Frank B. MacOueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Wy	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Petroit Pointe Petroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Edward P. MacKenzie, John W. Grosse MacKenzie, John W. Grosse MacKenzie, John B. MacMullen, Frank B. MacMullen, Frank B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Mydin, M. Paul.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Pointe Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Edward P. MacKenzie, John W. Mackenzie, John W. MacKenzie, John W. MacWallan, Francis B. MacMullen, Frank B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Wy Maino, L. J. Mains, M. Paul. Maire, E. D. Mair Marendy M. Maire, E. D. Marene Marendy M. Maire, Harold, U. Marene Marendy M. Maire, E. D. Marene Ma	Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Edward P. MacKenzie, John W. MacWellan, Francis B. MacMullen, Frank B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. My Maino, L. Mains, M. Paul. Maire, E. D. Mair, Harold U. Malachowski, B. T.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Pointe Detroit Pointe Detroit Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Edward P. MacKenzie, John W. Mackenzie, John W. MacKenzie, John W. MacKenzie, John W. MacWellan, Francis B. MacMullen, Frank B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski. John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Wy Maino, L. I. Mains, M. Paul. Maire, E. D. Grosse Mair, Harold U. Malachowski, B. T. Malik, Edward A. Molik Nor M.	Detroit Pointe Detroit Detroit Pointe Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacKenzie, John W. MacKenzie, John W. MacMullen, Francis B. MacMullen, Frank B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Wy. Maino, L. J. Mains, M. Paul. Maire, E. D. Grosse Mair, Harold U. Malachowski, B. T. Malik, Edward A. Malik, Nur M. Malina, Stephen.	Detroit
Lyons, Wm. Harrington. Lytle, Robert P. Mabee, Frank P. Mabley. J. Donald. MacArthur, Robert A. MacCracken, Frances L. MacDougall, Orrin P. MacFarlane, Howard W. MacKarzie, Earle D. MacKenzie, Earle D. MacKenzie, Earle D. MacKenzie, Howard P. MacKenzie, John W. Grosse MacKenzie, John W. Grosse MacMillan, Francis B. MacMullen, Frank B. MacOueen, Malcolm D. MacPherson, K. C. MacZewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Maino, L. J. Mains, M. Paul. Maire, E. D. Grosse Mair, Harold U. Malachowski, B. T. Malik, Edward A. Malik, Nur M. Malina, Stephen. Maloney, John A.	Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, Frank M. Mackenzie, John W. Grosse MacMillan, Francis B. MacQueen, Malcolm D. MacPherson, K. C. MacZewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Wy Maino, L. J. Mains, M. Paul. Mair, Harold U. Malachowski, B. T. Malik, Edward A. Malik, Nur M. Maloney, John A. Manoney,	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, John W. Mackenzie, John W. Mackenzie, John W. Mackenzie, John B. MacMullen, Francis B. MacMullen, Francis B. MacMullen, Francis B. MacMullen, Francis B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. Wy Maino, L. J. Mains, M. Paul. Maire, E. D. Grosse Mair, Harold U. Malachowski, B. T. Malik, Nur M. Malina, Stephen. Maloney, John A. Manucuso, Vincent. Manning, Morey H.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Pointe Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, John W. Mackenzie, John W. Mackenzie, John W. Mackenzie, John B. MacMullen, Frank B. MacMullen, Frank B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. My Mains, M. Paul. Maire, E. D. Grosse Mair, Harold U. Malachowski, B. T. Malik, Rur M. Malina, Stephen. Maloney, John A. Mancuso, Vincent. Manning, Morey H. Mapper Marcy College.	Detroit
MacDougall, Orrin P. MacFarlane, Howard W. MacGregor, W. W. Mack, Harold C. MacKenzie, Earle D. MacKenzie, Edward P. MacKenzie, John W. Mackenzie, John B. MacMullen, Frank B. MacQueen, Malcolm D. MacPherson, K. C. Maczewski, John E. Madsen, Martha. Magnell, Ralph C. Maguire, Clarence E. Mahoney, Hugh M. Maibauer, F. P. My Maino, L. J. Mains, M. Paul Maire, E. D. Mary Maine, E. D. Mair, Harold U. Malachowski, B. T. Malik, Edward A. Malik, Nur M. Malina, Stephen. Maloney, John A. Mancuso, Vincent. Manning, Morey H. Manles, Douglas E. Marcotte. Oliver. Marcotte. Oliver. Marcotte. Oliver.	Detroit
Mancuso, Vincent. Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver. Marcus, Daniel B. Marinus Carleton I.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Mancuso, Vincent. Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver. Marcus, Daniel B. Marinus Carleton I.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Mancuso, Vincent Mandiberg, Jack N Manning, Morey H Maples, Douglas E Marcotte. Oliver Marcus, Daniel B Marinus, Carleton J Mark, Jerome Markoe, Rupert C. L	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Mancuso, Vincent. Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver. Marcus, Daniel B. Marinus, Carleton J. Mark, Jerome. Markoe, Rupert C. L. Marks, Ben.	Detroit
Mancuso, Vincent. Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver. Marcus, Daniel B. Marinus, Carleton J. Mark, Jerome. Markoe, Rupert C. L. Marks, Ben.	Detroit
Mancuso, Vincent. Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver. Marcus, Daniel B. Marinus, Carleton J. Mark, Jerome. Markoe, Rupert C. L. Marks, Ben. Marks, Morris. Marsden, Thomas B. Marsh, Alton R. Marsh, Alton R.	Detroit
Mancuso, Vincent Mandiberg, Jack N Manning, Morey H Maples, Douglas E Marcotte. Oliver Marcus, Daniel B. Marinus, Carleton J. Mark, Jerome. Markoe, Rupert C. L. Marks, Ben. Marks, Morris. Marsden, Thomas B. Marshall, James R. Marshall, James R. Marshall, James R. Marshall, Edward G.	Detroit
Mancuso, Vincent Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver Marcus, Daniel B. Marinus, Carleton J. Mark, Jerome Markoe, Rupert C. L. Marks, Ben Marks, Morris. Marshall, James R. Marshall, James R. Marshall, Millard R. Martin, Edward G.	Detroit
Mancuso, Vincent Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver Marcus, Daniel B. Marinus, Carleton J. Mark, Jerome Markoe, Rupert C. L. Marks, Ben Marks, Morris. Marshall, James R. Marshall, James R. Marshall, Millard R. Martin, Edward G.	Detroit
Mancuso, Vincent Mandiberg, Jack N. Manning, Morey H. Maples, Douglas E. Marcotte. Oliver Marcus, Daniel B. Marinus, Carleton J. Mark, Jerome Markoe, Rupert C. L. Marks, Ben Marks, Morris. Marshall, James R. Marshall, James R. Marshall, Millard R. Martin, Edward G.	Detroit
Mancuso, Vincent Mandiberg, Jack N Manning, Morey H Maples, Douglas E Marcotte. Oliver Marcus, Daniel B Marinus, Carleton J Mark, Jerome Markoe, Rupert C. L Marks, Ben Marks, Ben Marsh, Hornis Marsden, Thomas B Marsh, Alton R Marshall, James R Marshall, Millard R Martin, Edward G Martin, Elbert A Martin, I. Herbert Martin, J. B. Jr.	Detroit

Mantin William C	
Martin, Wilbur C	Detroit
Martinez, P. O	Detroit
Martmer, Edgar	Detroit
Marwil, T. B	Detroit
Mason, Percy W	Detroit
Mateer, John G	Detroit
Mathes, Charles J	Detroit
Matthews, Wallace	Detroit
Maun, Mark E	Detroit
Maxwell, J. Harvey	Detroit
May, Frederick T., Jr.,	Detroit
Mayer, E. V	Detroit
Mayer, Willard D	Detroit
Maynard, Fred MAller	Park
Mayne, Cecil H	Detroit
McAfee, F. W	Detroit
McAlonan, Wm. T	Detroit
McAlpine, Archibald D	Detroit
McAlpine, Gordon S	Detroit
McBroom, Russell E	Detroit
McClellan, Robert J	Detroit
McClendon, James J	Detroit
McClintock, J. J.	Detroit
McClure, Robert W	Detroit
McClure, Roy D.	Detroit
McClure, Wm. R.	Detroit
McColl. Charles WWy	andotte
McColl. Clarke M	Detroit
McColl. Kenneth M.	Detroit
McCollum, E. B.	Detroit
McCord, Carev P.	Detroit
McCormick, Colin C. De	arborn
McCormick, C. W	Detroit
McCullough, Lester E.	Detroit
McDonald, Angus L.	Detroit
McDonald, George O	Detroit
McDonald, Grant Highlan	d Park
McDonald Peter W Wy	andotte
McDougall R Wm	Detroit
McEvitt Wm C	Detroit
McEvitt, Will. G.	Detroit
McCamph A W	Detroit
McGarvan, A. W.	Detroit
McGarvan, Joseph A	Detroit
McGnee, Richard S	Detroit
McGillicuddy, Walter E	Detroit
McGinnis, Daniel H.	Detroit
McGlaughlin, Nicholas Dwy	andotte
McGough, Joseph M	Detroit
McGrath, Neil B., Jr	Detroit
McGraw, Arthur B	Detroit
McGuire, Ivan A	Detroit
McGuire, M. Ruth	Detroit
McIntosh, W. V	Detroit
McIntyre, Wm. D	Detroit
McKean, G. Thomas	Detroit
McKean, G. Thomas	Detroit Detroit
McKean, G. Thomas	Detroit Detroit Detroit
McKean, G. Thomas	Detroit Detroit Detroit Detroit
McKean, G. Thomas. McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D.	Detroit Detroit Detroit Detroit Detroit Detroit
McKean, G. Thomas	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinno, John D. McKinnon, John D. McLane, Harriett E.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
McKean, G. Thomas. McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Martine, Wilbur C. Martinez, P. O Martmer, Edgar. Marwil, T. B. Mason, Percy W. Mathes, Charles J. Mathes, Charles J. Matthews, Wallace. Mann, Mark E. Maxwell, J. Harvey. Mayer, Frederick T., Jr., Mayer, E. V. Mayer, E. V. Mayer, E. W. Maynard, Fred M. Malle Mayne, Cecil H. McAlpine, Archibald D. McAlpine, Gordon S. McBroom, Russell E. McClellan, Robert J. McClintock, J. J. McClure, Robert W. McColl, Charles W. McColl, Charles W. McColl, Clarke M. McColl, Clarke M. McColl, Charles W. McCord, Carey P. McCormick, C. W. McCormick, C. W. McCullough, Lester E. McDonald, Grant. Highlan McDonald, George O. McDonald, Grant. Highlan McDonald, Peter W. McGarvah, Joseph A. McGarvah, Joseph A. McGarvah, Joseph A. McGaron, Neil B., Jr. McGoure, W. McGoure, Ivan A. McGuire, Ivan A. McGoure, W. McGoure, Ivan A. McGoure, Ivan A. McGoure, Ivan A. McGuire, M. Ruth McGuire, M. Ruth McGuire, Ivan A. McGuire, M. Ruth McChen, Horland. McKenna, Charles J. McKenna, Charles J. McKinnon, John D. McLane, Harriett E. McLean, Harriett E. McLean, Harriett E. McLean, Harriett E.	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinno, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J.	Detroit
McIntyre, Wm. D McKean, G. Thomas. McKean, Richard M McKenna, Charles J McKinley, Donald. McKinnon, John D McLane, Harriett E McLean, Don W McLean, Harold G McPherson, E. Glenn. D. McPherson, R. J McOuiggan, Mark R.	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J. McQuiggan, Mark R. McRae, Donald H.	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinney, Donald. McKinney, Donald. McKinnen, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J. McOuiggan, Mark R. McRae, Donald H. McMed. John.	Detroit
McLan, G. Thomas McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McQuiggan, Mark R. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A.	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S.	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. McMenk, Maxim P.	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McOuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. McMarken, G. Thomas	Detroit Petroit Petroit Petroit Detroit
McKean, G. Thomas McKean, G. Thomas McKean, G. Thomas McKenna, Charles J. McKinley, Donald McKinley, Donald McKinley, Donald McKinley, Donald McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J.	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinnon, John D. McLane, Harriett E. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J. McOuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Menik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles G. Grosse	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Earborn Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Grosse Merrill, Wm. O.	Detroit
McKean, G. Thomas McKean, G. Thomas McKean, G. Thomas McKenna, Charles J. McKinley, Donald McKinley, Donald McKinley, Donald McKinley, Donald McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn McPherson, E. Glenn McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S.	Detroit Pointe Detroit Detroit Detroit
McKean, G. Thomas McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McOuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merritt, Earl G.	Detroit Pointe Detroit Detroit Detroit Detroit Pointe Detroit Detroit
McKean, G. Thomas McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Harold G. McPherson, E. Glenn. McPherson, E. Glenn. McQuiggan, Mark R. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merriman, K. S. Merritt, Earl G. Metzger, Harry C.	Detroit
McKean, G. Thomas McKean, G. Thomas McKean, G. Thomas McKenna, Charles J. McKinley, Donald McKinley, Donald McKinley, Donald McKinley, Donald McKinley, Donald McKinnon, John D McLane, Harriett E. McLean, Harold G. McPherson, E. Glenn McPherson, E. Glenn McPherson, E. J. McQuiggan, Mark R. McRae, Donald H. Mead, John Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben	Detroit
McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J. McQuiggan, Mark R. McAe, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merritt, Earl G. Mertiger, Harry C. Meyer, Ruben. Meyer, Ruben. Meyer, Menen.	Detroit
McKean, G. Thomas McKean, G. Thomas McKean, G. Thomas McKenna, Charles J. McKinley, Donald McKinley, Donald McKinley, Donald McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McPherson, R. J. McQuiggan, Mark R. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben. Meyers, M. P. Meyers, M. P. Meyers, Solomon G.	Detroit
McKean, G. Thomas McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn. McOuiggan, Mark R. McOuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben. Meyers, M. P. Meyers, M. P. Meyers, Solomon G. Miley, H. H.	Detroit
McKean, G. Thomas McKean, G. Thomas McKean, Richard M. McKenna, Charles J. McKinley, Donald. McKinnon, John D. McLane, Harriett E. McLean, Harold G. McPherson, E. Glenn. McPherson, E. Glenn. McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Grosse Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Meyers, M. P. Meyers, M. P. Meyers, Molon E. Millard, Glenn E.	Detroit
McKean, G. Thomas McKean, G. Thomas McKean, G. Thomas McKenna, Charles J. McKinley, Donald McKinley, Donald McKinley, Donald McKinley, Donald McLane, Harriett E. McLean, Don W. McLean, Harold G. McPherson, E. Glenn McPherson, E. Glenn McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben Meyers, M. P. Meyers, Solomon G. Miley, H. H. Millard, Glenn E. Miller, Daniel H.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Millard, Glenn E. Miller, Daniel H.	Detroit Pointe Pointe Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Millard, Glenn E. Miller, Daniel H.	Detroit Pointe Pointe Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Millard, Glenn E. Miller, Daniel H.	Detroit Pointe Pointe Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, Ruben. Meyers, M. P. Meyers, Solomon G. Miller, Hamel Miller, Elmer B. Miller, Elmer B. Miller, Hazen L. Miller, M. M.	Detroit
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Meyers, M. P. Meyers, M. P. Millard, Glenn E. Miller, Daniel H. Miller, Elmer B. Miller, Karl. Miller, Maurice P. Miller, Myron H. Miller, Wm. E. Mills, Clinton C. Mills, Georgia V. Mintz, Morris J. Mintz, Edward I. Minta Markers D. Minta C. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Minta Minta Markey D. Minta	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Meyers, M. P. Meyers, M. P. Millard, Glenn E. Miller, Daniel H. Miller, Elmer B. Miller, Karl. Miller, Maurice P. Miller, Myron H. Miller, Wm. E. Mills, Clinton C. Mills, Georgia V. Mintz, Morris J. Mintz, Edward I. Minta Markers D. Minta C. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Minta Minta Markey D. Minta	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Meyers, M. P. Meyers, M. P. Millard, Glenn E. Miller, Daniel H. Miller, Elmer B. Miller, Karl. Miller, Maurice P. Miller, Myron H. Miller, Wm. E. Mills, Clinton C. Mills, Georgia V. Mintz, Morris J. Mintz, Edward I. Minta Markers D. Minta C. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Minta Minta Markey D. Minta	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Meyers, M. P. Meyers, M. P. Millard, Glenn E. Miller, Daniel H. Miller, Elmer B. Miller, Karl. Miller, Maurice P. Miller, Myron H. Miller, Wm. E. Mills, Clinton C. Mills, Georgia V. Mintz, Morris J. Mintz, Edward I. Minta Markers D. Minta C. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Markey D. Minta Minta Minta Minta Markey D. Minta	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyers, M. P. Meyers, M. P. Meyers, M. P. Millard, Glenn E. Miller, Daniel H. Miller, Hazen L. Miller, Maurice P. Miller, Myron H. Miller, Wm. E. Miller, Morris J. Mintz, Morris J. Mintz, Edward I. Miral, Solomon P. Mischell, C. Leslie. Miller, Lester B. Mischell, C. Leslie. Miller, Miller, Morris P. Mirchell, C. Leslie. Miller, Miller, Morris P. Mirchell, C. Leslie.	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Grosse Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben. Meyers, M. P. Meyers, Solomon G. Miley, H. H. Millard, Glenn E. Miller, Daniel H. Miller, Elmer B. Miller, Hazen L. Miller, M. M. Miller, M. M. Miller, M. M. Miller, T. H. Miller, T. H. Miller, Wm. E. Mills, Georgia V. Miton, Boynton A. Mintz, Edward I. Miral, Solomon P. Miro, Morey D. Mischell, G. Leslie. Mitchell, G. Leslie. Mitchell, Getrude F. Miller, Miller, M. Milchell, G. Leslie. Mitchell, Getrude F.	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben. Meyers, Woen. Meyers, M. P. Meyers, Solomon G. Milley, H. H. Millard, Glenn E. Miller, Daniel H. Miller, Hazen L. Miller, Murice P. Miller, Murice P. Miller, T. H. Miller, T. H. Miller, T. H. Miller, Wyron H. Miller, Morris J. Mintz, Edward I. Mintz, Edward I. Miral, Solomon P. Mischell, C. Leslie. Mitchell, Gertrude F. Mitchell, Raston S. Mischell W. Rede	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben. Meyers, Woen. Meyers, M. P. Meyers, Solomon G. Milley, H. H. Millard, Glenn E. Miller, Daniel H. Miller, Hazen L. Miller, Murice P. Miller, Murice P. Miller, T. H. Miller, T. H. Miller, T. H. Miller, Wyron H. Miller, Morris J. Mintz, Edward I. Mintz, Edward I. Miral, Solomon P. Mischell, C. Leslie. Mitchell, Gertrude F. Mitchell, Raston S. Mischell W. Rede	Detroit Detroi
McPherson, R. J. McQuiggan, Mark R. McRae, Donald H. Mead, John. Meinecke, H. A. Mellen, Hyman S. Melnik, Maxim P. Menagh, Frank R. Mendelssohn, R. J. Merkel, Charles C. Grosse Merrill, Wm. O. Merriman, K. S. Merritt, Earl G. Metzger, Harry C. Meyer, Ruben. Meyers, M. P. Meyers, Solomon G. Miley, H. H. Millard, Glenn E. Miller, Daniel H. Miller, Elmer B. Miller, Hazen L. Miller, M. M. Miller, M. M. Miller, M. M. Miller, T. H. Miller, T. H. Miller, Wm. E. Mills, Georgia V. Miton, Boynton A. Mintz, Edward I. Miral, Solomon P. Miro, Morey D. Mischell, G. Leslie. Mitchell, G. Leslie. Mitchell, Getrude F. Miller, Miller, M. Milchell, G. Leslie. Mitchell, Getrude F.	Detroit Detroi

Moll, Clarence D	Detroit Detroit
Moloney, J. ClarkBirmi	ngham
Mond, Edward	Detroit
Montgomery, John C	Park Detroit
Montante, Joseph R	Detroit
Morand Louis I	Detroit
Moriarty, George	Detroit
Morin, John B	Detroit
Morley, Harold V.	Detroit
Morley, James A	Detroit
Morris, Harold L	Detroit
Morris, Roger SGrosse	Pointe
Morse Plinn F	Detroit
Morton, David G	Detroit
Morton, J. B(L)	Detroit
Mosen, Max M	Detroit
Moss, E. B	Detroit
Moss, Selma S.	Detroit
Mott, Carlin P	Detroit
Mott, Carlin P	Detroit
Munson, F. T.	Detroit
Muntyan Andrew	Detroit Detroit
Murphy, D. J.	Detroit
Muntyan, Andrew	Detroit
Murphy, Scipio G	Detroit
Murphy, W. M.	Detroit
Murray, George M	Detroit
Murphy, Scipio G. Murphy, W. M	Detroit
Muske, Paul H	Detroit
Myers, Gordon BGrosse	Pointe
Nagel, Oscar	Detroit
Nagle, John W	andotte
Naud, Henry J.	Detroit
Nawotka, E. E.	Detroit
Naylor, A. E	Detroit
Neeb, Walter G	Detroit
Nelson Victor E.	Detroit
Myers, Gordon B. Grosse Nagel, Oscar	Detroit Detroit Detroit
Nelson, Victor E	Detroit Detroit Detroit Detroit
Nelson, Victor E	Detroit Detroit Detroit Detroit Detroit Detroit
Nelson, Victor E Nelson, Victor E Nettleship, Anderson. Neumann, Arthur J Newbarr, Arthur A Newman, Max Karl. Nielsen, Aage E	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Neumann, Arthur J	Detroit Detroit Detroit Detroit Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit Detroit Detroit Ecorse Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit d Park Detroit d Park Detroit Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit d Park Detroit d Park Detroit Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit d Park Detroit d Park Detroit Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit d Park Detroit d Park Detroit Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit d Park Detroit d Park Detroit Farms Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J. Nickerson, Dean	Detroit
Neumann, Arthur J. Newbarr, Arthur A. Newman, Max Karl. Nielsen, Aage E. Nichamin, Samuel J Nickerson, Dean	Detroit Detroit Detroit Detroit Detroit Detroit d Park Detroit

Palmer, Hayden	Detroit
Panic, Stephen M	Detroit
Panzer, Edward J(E)	Detroit Detroit
Parker, Walter R(E)	Detroit
Parkinson, Dorris	Detroit Detroit
Parsons, John PGrosse Point	e Park
Paterson Walter G (I.)	Detroit Detroit
Pawlowski, Jerome	Detroit
Payne, Eugene	Detroit Detroit
Peabody, Charles W	Detroit
Pawlowski, Jerome	Detroit
Pearse, Harry A	Detroit
Penberthy, Grover C	Detroit
Pendy, John M	Detroit
Pequegnot, Charles F(L)	Detroit
Perkin Frank S	Detroit
Perkins, Ralph A	Detroit
Perry, Alvin, La Forge	Detroit Detroit
Peterman, Earl A.	Detroit
Pevin, Pauline	Detroit Detroit
Pfeffer, Isadore S	Detroit
Pheteplace, W. S	Detroit
Peggs, George F. Penberthy, Grover C. Pendy, John M. Pensler, Meyer. Pequegnot, Charles F. (L) Perdue, Grace M. Perkin, Frank S. Perkins, Ralph A. Perlis, H. L. Perry, Alvin, La Forge. Peterman, Earl A. Petix, Samuel C. Pevin, Pauline. Pfeffer, Isadore S. Pfeiffer, Rudolph L. Pheteplace, W. S. Pichette, J. Walton. Pickard, Orlando W. Pidgeon, Susan. Pierce, Frank L. Pierson, Max J. Pietraszewski, A. W. Pilling, M. A. Pinckard, Karl G. Pinney, Lyman J. Pino, Ralph H. Piper, Clark C. Piper, Ralph R. Pittman, J. E. Plaggemeyer, H. W. Pliskow, Harold. Podezwa, John W. Grosse Pointe Poors, Edgar. Poretta, Anthony C. Poretta, F. S. Porter, Howard J. Pratt, Lean P.	Detroit
Pidgeon, Susan	Detroit
Pierce, Frank L	Detroit
Pietraszewski, A. W	Detroit
Pilling, M. A.	Detroit
Pinney, Lyman J.	Detroit
Piner Clark C	Detroit
Piper, Ralph R.	Detroit
Plaggemeyer, H. W.	Detroit Detroit
Pliskow, Harold	Detroit
Poirier, Ralph AGrosse Pointe	Detroit
Pollack, John J.	Detroit
Poos, Edgar	Detroit
Poretta, Anthony C	Detroit
Porter, Howard J.	lomulus
Pratt Jean P	Detroit Detroit
Porter, Howard J. Posner, Irving. Prast, Jean P. Pratt, Lawrence. Prendergast, John J. Priborsky, Benjamin H. Price, A. H. Price, Alvin E. Proctor, Bruce. Proud, Robert H. Flaugliesi, Benedetto. Purcell, Frank H. Putra A. M.	Detroit
Priborsky, Benjamin H.	Detroit
Price, A. H.	Detroit
Proctor, Bruce	.Detroit
Proud, Robert HFla	at Rock
Purcell, Frank H.	Detroit
	The creat
Quigley, William	Detroit
Rabinovitch, Bella Rahm, Lambert P. Raiford, Frank P. Raiford, Frank P., Jr. Rao, John O.	Detroit
Raiford, Frank P. Ir	Detroit
Rao, John O.	Detroit
Raskin, John	.Detroit
Rastello, Peter B.	Detroit
Raynor, Harold F	.Detroit
Reberdy, George J	Detroit
Redfern, Wm. Earl	Detroit
Reed Everett H	Detroit
Reed, H. Walter	Detroit
Reed Ivor E	Detroit
Reichling, R. J.	Detroit
Reid, Wesley G	Detroit
Reiff, Morris V	Detroit
Reinsh, Ernest R(L)	Detroit
Reisman, Nathan J	Detroit
Renaud, G. L(E)	Detroit
Renz. Russell H	Detroit
Rao, John O. Raskin, John Raskin, Morris Rastello, Peter B. Ratigan, C. S D. Raynor, Harold F. Reberdy, George J. Reder, Ben. Redfern, Wm. Earl Reed, E. Hobart. Reed, E. Hobart. Reed, E. Hobart. Reed, H. Walter. Reid, J. Gilbert. Reid, Wesley G. Reiff, Morris V. Reinbolt, Charles A. (L) Reinsh, Ernest R. Reisman, Nathan J. Rekshaw, W. R. Renaud, G. L Rennell, Leo P. Renz, Russell H. Reske, Alven Reyner, C. E. Reynolds, Lawrence	earborn
Rexford, W. K.	Detroit
Reye, H. A.	Detroi
Reynolds, Lawrence	Detroit

	7
Reynolds, R. P	Detroit
Rezanka, Harold JGrosse	Pointe
Rice, Harold B	Detroit Detroit
Rice, Meshel	Oxford
Richardson, Robert P	Detroit
Rick, Paul J.	Detrois
Ridge, Ralph WWy	andotte
Rieckhoff, George G	Detroit
Rieg, John F.	Detroit
Rieger, John B	Detroit
Riseborough, E. C.	Detroit
Rizzo, FrankGrosse Point	e Park
Robb, Ed. L.	Detroit
Rieg, John F Rieger, John B Rieger, Mary H Riseborough, E. C. Rizzo, Frank Grosse Point Rizzo, Paul Robb, Ed. L. Robb, J. Milton Grosse Pointe Roberts, Arthur J Robinson, Edwin L. Robinson, Fred L DRobinson, George W. Robinson, Harold A. Robinson, Howard	Detroit
Roberts Arthur I	Village
Robins, Samuel C	Detroit
Robinson, Edwin L	Detroit
Robinson, George WD	Detrois
Robinson, Harold A	Detroit
Robinson, Howard	Detroit
Robinson, Harold A. Robinson, Howard. Robinson, R. G Rogers, Aaron Z Grosse Pointe Rogers, James D Wy Rogin, James R Rogoff, A. S. Rogoff, A. S. Rohde, Paul C Roland, Charles F. Rom, Jack. Roman, Stanley J Roney, Eugene H. Rosbolt, Oscar P. Rose, Bernard. Rosefield, John L. Rosen, Harold M. Rosen, Robert	Woods
Rogers, James DWy	andotte
Rogoff, A. S.	Detroit
Rohde, Paul C	Detroit
Roland, Charles F	Detroit
Roman, Stanley J.	Detroit
Roney, Eugene H.	Detroit
Rose. Bernard	Detroit
Rosefield, John L	Detroit
Rosen, Harold MRosen, Robert	Detroit
Roseman I. D.	Detroit
Rosenthal, Louis H	Detroit
Rosenzweig Saul	Detroit
Rosenzweig, Saul. Ross, Ben C. Ross, D. G. Grosse	Detroit
Ross, D. GGrosse	Pointe
Ross, HymanD	earborn
Rotarius, E. M	Detroit
Roth, Theodore I	Detroit
Rothbart, H. B	Detroit
Rothman, H. R.	Detroit
Rowda, Michael S	Detroit
Rottenberg, Leon	Detroit
Rowell, Robert C	Eloise
Rueger, Milton I	Detroit
Rueger, Ralph C	Detroit
Rowel, Robert Rowell, Robert C. Rucker, Julian J Rueger, Milton J. Rueger, Ralph C. Runge, Edward F. Rupp, Robert H. Rupprecht, Emil F. Ruskin, I. W Ruskin, Samuel H. Russell, John C.	Detroit
Rupprecht, Emil F	.Detroit
Ruskin, I. W	Detroit
Russell, John C	Detroit
Ruskin, Samuel H. Russell, John C. Rutzen, Arthur C. Ryan, Charles F. Ryan, W. D. Rydzewski, Joseph B. Ryerson, Frank L.	Detroit
Ryan, Charles F	Detroit
Rydzewski, Joseph B	Detroit
Ryerson, Frank L.	Detroit
Sack, A. G. Sa'Di, Lufti. Sadowski, Roman. Sage, Bernard A. I Sage, Edward O. (L)	Detroit
Sa'Di, Lufti	Detroit
Sage, Bernard A	Dearborn
Sage, Edward O(L)	Detroit
Sage, Thomas	Detroit
St. Amour, Hector J.	Detroit
St. Louis, R. J. Rive	r Rouge
Salchow Paul T	Detroit
Salowich, John NAll	en Park
Sage, Edward O. (L) Sage, Thomas. Sager, E. L St. Amour, Hector J. St. Louis, R. J. Rive Sakorraphos, Stelios N. Salchow, Paul T. Salowich, John N. All Saltzstein, Harry C. Sand, Harry H. Sander, I. W. Sanders, Alex W. Sanderson, Alvord R. Grosse Pois Sanderson, Suzanne. Sandler, Nathaniel Sander, Nathaniel Sands, G. E.	Detroit
Sander, I. W	Detroit
Sanders, Alex W	Detroit
Sanderson, Alvord RGrosse Pois	Detroit
Sandler, Nathaniel	Detroit
Sands, G. E.	Detroit
Sanford, Hawley S	Detroit
Sander, Nathaniel. Sands, G. E Sandweiss, David J Sanford, Hawley S Sapala, M. Andrew. Sargent, William R.	Detroit
Sargent, William R	Detroit
Sauter, Simon H.	Detroit
Savignac, Eugene M	Detroit
Schaefer, Robert L	Detroit
O 1 C 3 C	Detroit
Schaeffer, Martin	Detroit
Schembeck, I. S.	Detroit
Sargent, William R. Sauk, John J. Sauk John J. Sauter, Simon H. Savignac, Eugene M. Scarney, Herman D. Schaefer, Robert L. Schaeffer, Martin. Schembeck, I. S. Schenden, A. J. M	Detroit Detroit Detroit elvindale

Schiller, Schillinger Schillinger Schillinger Schilager, Schilager, Schilager, Schilager, Schilager, Schilager, Schlacht, Schlaefer, Schlesinge Schmaltz, Schwartz Sc

Jui

a Liller A E	Detroit
C-Lillinger Harold	KDearborn
Schinggel Geza	Detroit
Schillager, Bay	Detroit
Schilack, Norman	Detroit
Schkioven, Troume F	Romulus
Schlacht, Wethen H	Detroit
Schlater, Nathan H	Detroit
Schlemer, John 11.	Detroit
Schlesinger, Henry	Detroit
Schmaltz, John D	Dearborn
Schmidt, Harry E.	Dearborn
Schmidt, Milton R.	J renton
Schmier, Burton L.	Detroit
Schmitt, Norman L	Detroit
Schneck, Robert J.	Detroit
Schneider, Alex N.	Detroit
Schneider, Curt P	Detroit
Schoenfield, Gilbert	DDetroit
Schoor, Robert L	(E) Detroit
Schooten Sarah S.	Detroit
Schreiber Frederic	Detroit
Schroeder Carlisle	F. Detroit
Schug Richard H.	Highland Park
Schules Carl H	Detroit
C.L.les Ernest C	Detroit
Schultz, Ernest C	Detroit
Schultz, Robert 1.	Detroit
Schwartz, Ben	Detroit
Schwartz, Louis A.	Detroit
Schwartz, Oscar D.	h A Detroit
Schwartzberg, Josep	Detroit
Schweigert, C. F	Detroit
Sciarrino, Stanley V	Detroit
Scott, R. J	C De' E-
Scott, William J	Grosse Pointe Farms
Screen, Raymond J	Wyandotte
Scruton, Foster D.	Detroit
Seabury, Frank P	Detroit
Secord, Eugene W.	Detroit
Seeley, James B	Dearborn
Seeley, Ward F	Detroit
Segar Lawrence F	Detroit
Seibert Alvin H	Grosse Pointe Park
Seiferlein Archie I	Detroit
Calba C D	Detroit
Callana Charles W	Detroit
Sellers, Charles W.	Detroit
Sellers, Granam	Detroit
Selling, Lowell	Detroit
Selman, J. H	Petroit
Sewell, George S	Detroit
Shafarman, Eugene	Detroit
Shaffer, Joseph H	Detroit
Shaffer, Loren W	Detroit
Shafter, Royce R	Detroit
C1 847 T7	
Shannon, Wm. F	Detroit
Shannon, Wm. F Shaniro, I. Allen	Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob	Detroit Detroit Detroit
Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U	DetroitDetroitDetroitDetroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H.	Detroit Detroit Detroit Detroit Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharer, Charles H.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shaw, Robert G.	Detroit Detroit Detroit Detroit Detroit Detroit Locarborn (L.) Detroit
Shannon, WM. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shaw, Robert G Shawan H. K.	Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shawan, H. K Shawan, H. K	Detroit Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shaw, Robert G Shawan, H. K Sheldon, John A Sheldon, John A	Detroit Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shaw, Robert G Shawan, H. K Sheldon, John A Shelton, C. F	Detroit Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K Sheldon, John A., Shelton, C. F Sheppard, Emma I.	Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G Shawan, H. K Sheldon, John A. Shelton, C. F Sheppard, Emma I Sherman, Boudana	Detroit Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shaw, Robert G Shawan, H. K Sheldon, John A Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L.	Detroit Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shaw, Robert G Shawan, H. K Sheldon, John A Sheldon, John A Sheldon, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Louis L.	Detroit Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G., Shawan, H. K., Sheldon, John A., Shelton, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L. Sherrin, Edgar R.,	Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Line B Detroit East Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G Shawan, H. K Sheldon, John A., Sheldon, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt	Detroit Detroit
Shannon, Wm. F Shapiro, J. Allen Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D Shaw, Robert G Shawan, H. K Sheldon, John A Sheldon, John A Shelton, C. F Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherrin, Edgar R Sherwood, De Witt Shewchuk, Alexand	Detroit Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G., Shawan, H. K., Sheldon, John A., Shelton, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L.,	Detroit Line B Detroit East Detroit
Shannon, Wm. F Shapiro, I. Allen Shapiro, Joscar U Shapiro, Oscar U Sharer, Charles H. Shaw, Norman D Shaw, Robert G Shawan, H. K Sheldon, John A Sheldon, John A Sheldon, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L Sherman, Edgar R Sherwood, De Witt Shewchuk, Alexand Shields, W. L Shifrin, Peter G	Detroit L. W. Center Line East Detroit Detroit L. Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Jacob Shapiro, Joscar U Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G Shawan, H. K Sheldon, John A. Shelton, C. F Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Wm. L. Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L Shifrin, Peter G Shiovitz, Louis	Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Deroit Detroit Detroit Detroit Detroit Detroit Detroit L. Detroit Detroit L. Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K Sheldon, John A., Sheldon, C. F., Sheppard, Emma I., Sherman, Boudana Sherman, H., Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R.,	Detroit Line B Detroit East Detroit Detroit Line Detroit Detroit Detroit Detroit Detroit Detroit Line Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharer, Charles H. Shaw, Norman D. Shaw, Robert G Shawan, H. K Sheldon, John A Sheldon, John A Sheldon, C. F Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L. Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L Shifrin, Peter G Shiovitz, Louis Shippen, M. R. Shipton, W. Harve	Detroit L. Detroit East Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L. Detroit Eloise Ey Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Joscar U Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G Shawan, H. K Sheldon, John A. Shelton, C. F Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexant Shields, W. L. Shifrin, Peter G. Shiovitz, Louis Shippen, M. R. Shipton, W. Harvy Shlain. Benjamin.	Detroit Letroit East Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K Sheldon, John A., Sheldon, John A., Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherman, Wm. L., Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L. Shifrin, Peter G Shiovitz, Louis Shippen, M. R. Shipton, W. Harve Shipton, W. Harve Shlain, Benjamin.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit L Detroit East Detroit L Detroit L Detroit L Detroit L Detroit Detroit L Detroit L Detroit L Detroit L Detroit L Detroit L Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Jacob Shapiro, Joscar U Shariro, Gosar U Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G Shawan, H. K Sheldon, John A. Sheldon, John A. Shelton, C. F Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Wm. L. Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L Shifrin, Peter G Shiovitz, Louis Shippen, M. R. Shipton, W. Harw Shlain, Benjamin, Shoenfield, Adolpl Shore, O. J	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Deroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, J. Cocar U., Shapiro, Oscar U., Shariro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K., Sheldon, John A., Shelton, C. F., Sheppard, Emma I., Sherman, Boudana Sherman, H. Louis L., Sherman, Wm. L., Shirin, Edgar R., Sherwood, De Witt Shewchuk, Alexanc Shiedis, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shippen, M. R., Shippen, M. Barnin, Shoenfield, Adolph Shore, O. J., Shotwell, Carlos V.	Detroit Last Detroit Last Detroit Detroit Detroit Labetroit Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Joscar U., Shapiro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K., Sheldon, John A., Sheldon, John A., Shelton, C. F., Sheppard, Emma I Sherman, Boudana Sherman, Louis L., Sherman, Louis L., Sherman, Wm. L., Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shifrin, Peter G., Shiovitz, Louis, Shipton, M. R., Shipton, W. Harve, Shipton, W. Harve, Shipton, W. Harve, Shipton, W. Harve, Shore, O. J., Shotwell, Carlos V. Shotwell, Carlos V. Shulak, Irving B.,	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Deroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit Detroit Detroit Detroit L Detroit Detroit Detroit L Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Sheldon, John A., Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L Shipiton, W. Harve, Shipton, W. Harve, Shumaker, Edw. I	Detroit LEST DETROIT D
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Joscar U., Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Sheldon, John A., Sheldon, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L., Sherman, Wm. L., Sherman, Edgar R., Shewchuk, Alexanc Shiedds, W. L., Shifrin, Peter G Shiovitz, Louis Shipton, W. Harve Shipton, W. Harve Shipton, W. Harve Shipton, W. Harve Shipton, O. J., Shotwell, Carlos V Shulak, Irving B., Shumaker, Edw. J Shurlak, Burt R.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit L Detroit Detroit L Detroit Detroit Detroit L Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Oscar U Sharer, Charles H. Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexan Shields, W. L Shipiton, W. Harve Shippen, M. R. Shippen, M. R. Shippen, M. R. Shippen, W. Harve Shlain. Benjamin Showell, Carlos V. Shulak, Irving B Shumaker, Edw. J. Shurly, Burt R	Detroit L. Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K Sheldon, John A., Shelton, C. F., Sheppard, Emma I Sherman, Boudana Sherman, Louis L., Sherman, Wm. L., Shirin, Peter G., Shiovitz, Louis Shippen, M. R., Shippon, W. Harvy, Shipton, W. Harvy, Shipton, W. Harvy, Sham, Benjamin, Shoenfield, Adolph Shore, O. J., Shotwell, Carlos V, Shulak, Irving B., Shumaker, Edw. J Shurly, Burt R., Siddall, Roger S., Sieber, Edward H.	Detroit Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Joscar U., Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G., Shawan, H. K., Sheldon, John A., Sheldon, John A., Shelton, C. F., Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L., Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shipton, W. Harve Shlain, Benjamin, Shoenfield, Adolph Shore, O. J., Shotwell, Carlos V. Shulak, Irving B., Shumaker, Edw. J. Shurly, Burt R., Shumaker, Edw. J. Shurly, Burt R., Siddall, Roger S., Sieber, Edward H.	Detroit Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K Sheldon, John A., Shelton, C. F., Sheppard, Emma I., Sherman, Boudana Sherman, H. Louis L., Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shipton, W. Harw Shipton, W. Harw Shipton, W. Harw Shilain, Benjamin. Shoenfield, Adolpl Shore, O. J., Shotwell, Carlos V Shulak, Irving B., Shumaker, Edw. J Shurly, Burt R., Siddall, Roger S., Sieber, Edward H Siefert, John L.,	Detroit LEST DETOI DETOI DETOIT DET
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Joscar U., Shariro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Sheldon, John A., Shelton, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L., Sherman, Wm. L., Sherman, Wm. L., Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shifrin, Peter G Shiovitz, Louis Shipton, W. Harve Shipton, W. Harve Shipton, W. Harve Shipton, W. Harve Shlain. Benjamin. Shoenfield, Adolph Shore, O. J., Shotwell, Carlos V Shulak, Irving B., Shumaker, Edw. J Shurly, Burt R., Siddall, Roger S., Sieber, Edward H Siefert, John L., Siegel Henry	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit Detroit L Detroit L Detroit Detroit L Detroit L Detroit L Detroit L Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U Sharer, Charles H. Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Sherwood, De Witt Shewchuk, Alexanc Shields, W. L Shipiton, W. Harve Shippen, M. R., Shippen, M. R. Shippen, M. R. Shippen, W. Harve Shlain, Benjamin Shotwell, Carlos V Shulak, Irving B., Shumaker, Edw. J Shurly, Burt R Sieber, Edward H Siefert, John L Siefert, Wm. A Siegel, Henry Sill Jack A	Detroit K. Dearborn Detroit Control Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K Sheldon, John A., Shelton, C. F Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Louis L. Sherman, Louis L. Sherman, Edgar R. Sherwood, De Witt Shewchuk, Alexand Shields, W. L. Shifrin, Peter G. Shiovitz, Louis Shippen, M. R. Shipton, W. Harv Shipton, W. Harv Shlain, Benjamin. Shoenfield, Adolpl Shore, O. J Shotwell, Carlos V Shulak, Irving B. Shumaker, Edw. J Shurly, Burt R. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert, John L. Siefert, John L. Siefert, John L. Siegel, Henry. Sill, Jack A.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Joscar U., Shapiro, Joscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K., Sheldon, John A., Sheldon, John A., Shelton, C. F., Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L., Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexans Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shipton, W. Harve, Shilain, Benjamin, Shoenfield, Adolpl Shore, O. J., Shotwell, Carlos V. Shulak, Irving B., Shumaker, Edw. J. Shurly, Burt R., Siddall, Roger S., Sieber, Edward H., Siefert, John L., Siefert, Wm. A., Siegel. Henry, Sill, Jack A., Silvarman, I. Z.,	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Deroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K Sheldon, John A., Shelton, C. F., Sheppard, Emma I., Sherman, Boudana Sherman, Louis L., Sherran, Boudana Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexant Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shippen, M. R., Shippen, M. B., Shippen, M. B., Shippen, M. B., Shippen, M. Harw Shipton, W. Harw Shilain, Benjamin, Shoenfield, Adolph Shore, O. J., Shumaker, Edw. J. Shumaker, Edw. J. Shurly, Burt R., Siddall, Roger S., Sieber, F.dward H., Siefert, John L., Siegel, Henry, Sill, Jack A., Silver, Israel W., Silver, Israel W.,	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Joscar U., Shapiro, Joscar U., Shariro, Charles H. Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Sheldon, John A., Shelton, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L., Sherman, Wm. L., Sherman, Wm. L., Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shieds, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shipton, W. Harve Shipton, W. Harve Shipton, W. Harve Shipton, W. Harve Shlain. Benjamin. Shoenfield, Adolph Shore, O. J., Shotwell, Carlos V Shulak, Irving B., Shumaker, Edw. J Shurly, Burt R., Siddall, Roger S., Sieber, Edward H Siefert, John L., Siefert, Wm. A. Siegel. Henry, Sill, Jack A., Silverman, M. M.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Deroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit Detroit L Detroit L Detroit L Detroit Detroit L Detroit L Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G., Shawan, H. K Sheldon, John A., Shelton, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shippen, M. R., Shippen, W. Harw Shippen, W. Harw Shilah, Benjamin., Shoenfield, Adolpl Shore, O. J., Shotwell. Carlos V Shulak, Irving B., Shumaker, Edw. J Shurly, Burt R., Siddall, Roger S., Sideer, Edward H Siefert, John L., Siefert, John L., Siefert, Wm. A., Siegel, Henry., Sill, Jack A., Sill, Jack A., Silvernan, M. M., Silvernan, M. M.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Louis L. Sherman, Louis L. Sherman, Edgar R. Sherwood, De Witt Shewchuk, Alexand Shields, W. L. Shifrin, Peter G. Shiovitz, Louis Shippen, M. R. Shipton, W. Harv Shipton, W. Harv Shipton, W. Harv Shlain, Benjamin. Shoenfield, Adolph Shore, O. J Shotwell, Carlos V Shulak, Irving B. Shumaker, Edw. J Shurly, Burt R. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert, Wm. A. Siegel, Henry. Sill, Jack A. Silvarman, I. Z. Silverman, M. M. Simon, Emil R. Simon, Heinz	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit L Detroit L Detroit L Detroit L Detroit Detroit Detroit L Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L Shipiton, W. Harve Shippen, M. R., Shippen, M. R., Shippen, W. Harve Shippen, W. Harve Shippen, W. Harve Shipton, W. Harve Shidall, Roger S., Sideer, Edward H. Siefert, John L., Siefert, Wm. A., Siegel, Henry, Sill, Jack A., Silvarman, I. Z., Silver, Israel W., Silver, Israel W., Silvernan, M. M., Simon, Emil R., Simon, Heinz, Simpson, C. E.,	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit Detroit L Detroit Detro
Shannon, Wm. F. Shapiro, I. Allen. Shapiro, Jacob Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U. Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K Sheldon, John A. Shelton, C. F. Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherrin, Edgar R. Sherwood, De Witt Shewchuk, Alexant Shields, W. L. Shifrin, Peter G. Shiovitz, Louis Shippen, M. R. Shipton, W. Harv Shipton, W. Harv Shipton, W. Harv Shilain, Benjamin Shoenfield, Adolpl Shore, O. J. Showell, Carlos V Shulak, Irving B. Shumaker, Edw. J Shurly, Burt R. Sieber, Edward H Siefert, John L.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit Detro
Shannon, Wm. F., Shapiro, J. Allen Shapiro, Joscar U., Shapiro, Joscar U., Sharer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K., Sheldon, John A., Sheldon, John A., Shelton, C. F., Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L., Sherman, Wm. L., Sherman, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shipton, W. Harve Shilain. Benjamin. Shoenfield, Adolph Shore, O. J., Shotwell. Carlos V Shulak, Irving B., Shumaker, Edw. J Shurly, Burt R., Siddall, Roger S., Sieber, Edward H Siefert, John L., Siefert, Wm. A., Siegel. Henry., Silly Jack A., Silverman, M. M., Simon, Emil R., Silverman, M. M., Simon, Heinz., Simpson, C. E., Simpson, H. Lee, Simpson, H. Lee, Simpson, H. Lee,	Detroit Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H., Shaw, Norman D., Shaw, Robert G., Shawan, H. K Sheldon, John A., Shelton, C. F., Sheppard, Emma I., Sherman, Boudana Sherman, Louis L., Sherran, Boudana Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexanc Shields, W. L., Shifrin, Peter G., Shiovitz, Louis Shippen, M. R., Shipton, W. Harw Siegel, Henry Siddall, Roger S., Sieber, Edward H Siefert, John L., Siegel, Henry Sillyarman, I. Z., Silverman, M. M. Simon, Emil R., Simpson, C. E., Simpson, C. E., Simpson, C. E., Simpson, James W. Singer, Flovd W.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit Detroit Detroit Detroit L Detroit Detr
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U., Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Louis L. Sherman, Louis L. Sherman, Edgar R. Sherwood, De Witt Shewchuk, Alexand Shields, W. L. Shifrin, Peter G. Shiovitz, Louis Shippen, M. R. Shipton, W. Harv Shipton, W. Harv Shipton, W. Harv Shlain, Benjamin. Shoenfield, Adolph Shore, O. J Shotwell, Carlos V Shulak, Irving B. Shumaker, Edw. J Shurly, Burt R. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert, Wm. A. Siegel, Henry Sill, Jack A. Silvarman, I. Z. Silverman, M. M. Simon, Emil R. Simon, Heinz. Simpson, C. E. Simpson, C. E. Simpson, C. E. Singer, Floyd W. Sippola, George W. Sippola, George W.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit L Detroit L Detroit L Detroit Detroit L Detroit Detroit L Detroit Detroit Detroit L Detroit
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K Sheldon, John A. Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L. Sherrin, Edgar R. Sherwood, De Witt Shewchuk, Alexand Shields, W. L. Shifrin, Peter G. Shiovitz, Louis Shippen, M. R. Shippen, M. R. Shippen, W. Harve Shorter, John L. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit Detroit Detroit L Detroit
Shannon, Wm. F. Shapiro, I. Allen. Shapiro, J. Allen. Shapiro, Jacob. Shapiro, Jacob. Shapiro, Oscar U. Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K. Sheldon, John A. Shelton, C. F. Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherrin, Edgar R. Sherwood, De Witt Shewchuk, Alexant Shields, W. L. Shifrin, Peter G. Shiovitz, Louis. Shippen, M. R. Shipton, W. Harv Shipton, W. Harv Shipton, W. Harv Shilain, Benjamin. Shoenfield, Adolpl Shore, O. J. Shore, O. J. Shurly, Burt R. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert, Jack A. Silverman, M. M. Simon, Emil R. Simon, Heinz. Simpson, C. E. Simpson, G. E. Simpson, G. George W Sisson, John M. Siwka Lide-L	Detroit Les Detroit Detroit Les Detroit Detroi
Shannon, Wm. F., Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D., Shaw, Robert G Shawan, H. K Sheldon, John A., Shelton, C. F., Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Wm. L., Sherrin, Edgar R., Sherwood, De Witt Sherrin, Edgar R., Sherwood, De Witt Shewchuk, Alexand Shields, W. L., Shirin, Peter G., Shiovitz, Louis Shippen, M. R. Shippen, M. R. Shippen, M. B. Shippen, M. Benjamin Shoenfield, Adolph Shore, O. J., Shotwell, Carlos V. Shulak, Irving B., Shumaker, Edw. J. Shumaker, Edw. J. Shumaker, Edw. J. Shumaker, Edw. J. Siefert, John L., Siefert, John L., Siefert, John L., Siefert, John L., Siegel, Henry, Siegel, Henry, Sill, Jack A., Silvarman, I. Z., Silvarman, M. M., Simon, Emil R. Simon, Heinz., Simpson, C. E., Simpson, H. Lee, Simson, John M., Sision, John M., Siwina, Isidore J.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Deroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit L Detroit Detroit L Detroit De
Shannon, Wm. F. Shapiro, I. Allen. Shapiro, J. Allen. Shapiro, Jacob. Shapiro, Oscar U. Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K. Sheldon, John A. Shelton, C. F. Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherrin, Edgar R. Sherwood, De Witt Shewchuk, Alexanc Shields, W. L. Shifrin, Peter G. Shiovitz, Louis. Shippen, M. R. Shipton, W. Harw Siddall, Roger S. Sieber, Edward H Siefert, John L. Siegel, Henry Sill, Jack A. Silvarman, I. Z. Silverman, M. M. Simon, Emil R. Simpson, C. E. Simpson, H. Lee Simclair, James W. Sippola, George W Sisson, John M. Siwka, Isidore J. Skinner, W. Clare	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit De
Shannon, Wm. F. Shapiro, I. Allen Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G Shawan, H. K Sheldon, John A Shelton, C. F Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Louis L. Sherman, Wm. L. Sherman, Wm. L. Sherman, Edgar R. Sherwood, De Witt Shewchuk, Alexand Shields, W. L. Shifrin, Peter G Shipton, W. Harve Shilan, Benjamin. Shoenfield, Adolph Shore, O. J Shotwell, Carlos V Shulak, Irving B. Shumaker, Edw. J Shurly, Burt R. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert, Wm. A. Siegel, Henry. Sill, Jack A. Silvarman, I. Z. Silverman, M. M. Simon, Emil R. Simpson, C. E. Silverman, M. M. Simon, Heinz Simpson, C. E. Simpson, C. E. Simpson, G. E. Simpson, John M. Siwka, Isidore J. Skinner, W. Clare Skrzycki, Stephen	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit L Detroit Detroit L Detroit Detroit Detroit L Detroit D
Shannon, Wm. F. Shapiro, I. Allen. Shapiro, J. Allen. Shapiro, Jacob. Shapiro, Oscar U. Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K. Sheldon, John A. Shelton, C. F. Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherran, Boudana Sherman, Wm. L. Sherrin, Edgar R. Sherwood, De Witt Shewchuk, Alexanc Shields, W. L. Shifrin, Peter G. Shiovitz, Louis. Shippen, M. R. Shippen, M. R. Shippen, M. Bandana Shields, W. L. Shifrin, Peter G. Shiovitz, Louis. Shippen, M. R. Shippen, M. R. Shippen, M. R. Shippen, M. Siegel, Adolph Shore, O. J. Shotwell, Carlos V. Shulak, Irving B. Sieger, Fdward H. Siefert, John L. Siegel, Henry. Sill, Jack A.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit Detroit Detroit Detroit Detroit L Detroit Detro
Shannon, Wm. F. Shapiro, I. Allen. Shapiro, Jacob Shapiro, Jacob Shapiro, Oscar U. Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K Shelton, C. F. Sheppard, Emma I. Sherman, Boudana Sherman, Louis L. Sherman, Edgar R. Shewchuk, Alexand Sherwood, De Witt Shewchuk, Alexand Shields, W. L. Shifrin, Peter G. Shiovitz, Louis Shippen, M. R. Shipton, W. Harv Shilain, Benjamin. Shoenfield, Adolpl Shore, O. J. Showell, Carlos V Shulak, Irving B. Shumaker, Edw. J Shurly, Burt R. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert, Wm. A. Siegel, Henry Sill, Jack A. Silverman, I. Z. Silverman, M. M. Simon, Emil R. Simon, Heinz Simpson, C. E. Simpson, C. E. Simpson, C. E. Simpson, G. E. Simpson, G. E. Simpson, G. E. Simpson, G. E. Simpson, John M. Siwka, Isidore J. Skinner, W. Clare Skrzycki, Stephen Skully, E. J.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Dearborn (L) Detroit Detroit Detroit Detroit Detroit Detroit Detroit L Detroit L Detroit Detroit L Detroit Detroit L Detroit D
Shannon, Wm. F. Shapiro, I. Allen. Shapiro, Jacob. Shapiro, Jacob. Shapiro, Oscar U. Sharrer, Charles H. Shaw, Norman D. Shaw, Robert G. Shawan, H. K. Sheldon, John A. Shelton, C. F. Sheppard, Emma I Sherman, Boudana Sherman, Louis L. Sherman, Wm. L. Sherrin, Edgar R. Sherwood, De Witt Shewchuk, Alexanc Shields, W. L. Shirin, Peter G. Shiovitz, Louis. Shippen, M. R. Shippen, M. R. Shippen, W. Harve Shippen, W. Shippen, W. Shippen, W. Shippen, W. Shippen, W. Shippen, W. Siver, W. Siddall, Roger S. Sieber, Edward H Siefert, John L. Siefert, Wm. A. Siegel. Henry Sill, Jack A. Siegel. Henry Sill, Jack A. Siegel. Henry Silver, Israel W. Sippola, George W. Sippola, George W. Sippola, George W. Sippola, George W. Sisson, John M. Siwka, Isidore J. Skinner, W. Clare Skrzycki, Stephen Skully, E. J. Slate, Raymond N.	Detroit LEDETOIL DETOIL LEDETOIL LEDETOIL LEDETOIL LEDETOIL LEDETOIL LEDETOIL LEDETOIL DETOIL LEDETOIL DETOIL DETOIL DETOIL LEDETOIL DETOIL DETOIL LEDETOIL DETOIL DETOIL LEDETOIL LEDE

etroit ointe de la controit de la co

11001211	
Slaughter, Fred M	Detroit
Slaugenhaupt, J. G	Detroit
Slazinski, Leo W	Detroit
Slevin, John G	Detroit
Sliwin, Edward P	Detroit
Small, Henry	Detroit
Smith, Charles E	Detroit
Smith, Clarence V	Pouge
Smith, F. Janney	Detroit
Smith, Gerrit C	Detroit
Smith, Henry L	Detroit
Smith, James A	Detroit
Smyka, Edward J	Ploise
Snedeker, Bernard CHighlan	d Park
Snow, L. WNo	thville
Sokolov Raymond A	Detroit
Somers, Donald C	Detroit
Sonda, Lewis P	Detroit
Spademan, Loren C	Detroit
Spalding, Edward D	Detroit
Sparling, Harold INo	rthville
Speck, Carlos CAlle	n Park
Spector, Maurice J	Detroit
Sperry, Frederick L	Detroit
Spiro, Adolph	Detroit
Springborn, B. K	Detroit
Sprunk, John P	Detroit
Spurrier, Ethelbert	Detroit
Stafford, Frank W. J.	Detroit
Stalker, HughGrosse	Pointe
Stamell, Meyer	Detroit
Stanton, James M	Detroit
Stanton, Myron	Detroit
Starrs Thomas C.	Detroit
Staub, Howard P	Detroit
Stearns, Alex BGrosse Pointe	Woods
Steele, Hugh	Detroit
Stefani, E. L.	Detroit
Stefani, E. L	Detroit Detroit
Stefani, E. L	Detroit Detroit Detroit
Stefani, E. L	Detroit Detroit Detroit Detroit Detroit
Stefani, E. L. Stefani, Raymond T. Stein, Edward. Stein, Albert H. Stein, Emory. Stein, Saul C. Va. Steinbach, Henry B.	Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Stefani, E. L. Stefani, Raymond T. Stein, Edward. Stein, Albert H. Stein, Emory. Stein Saul C. Steinbach, Henry B. Steinbach, Eugene.	Detroit Detroit Detroit Detroit Detroit n Dyke Detroit Detroit
Slaughter, Fred M	Detroit Detroit Detroit Detroit Detroit n Dyke Detroit Detroit Detroit
Stefani, E. L. Stefani, Raymond T. Stein, Edward Stein, Albert H. Stein, Emory Stein Saul C Steinbach, Henry B Steinbreger, Eugene. Steiner, Gabriel Steiner, Louis J Steinhardt, Milton J	Detroit Detroit Detroit Detroit n Dyke Detroit Detroit Detroit Detroit Detroit
Stefani, E. L. Stefani, Raymond T. Stein, Edward. Stein, Albert H. Stein, Emory. Stein, Saul C. Steinbach, Henry B. Steinberger, Eugene Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E.	Detroit Detroit Detroit Detroit n Dyke Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Steiner, Gabriel	Detroit Detroit Detroit Detroit Detroit
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterling, Robert R. Sterling, Robert R. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stewart, Thomas O. Stiefel, Daniel M. Stirling, Alex M. Stirling, Alex M. Stirlhowight E. Stobbe, Godfrey D. Stocker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickerot, Fred L. Stroken, Don F. Stryker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuccheli, Milton B.	Detroit
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterling, Robert R. Sterling, Robert R. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stewart, Thomas O. Stiefel, Daniel M. Stirling, Alex M. Stirling, Alex M. Stirlhowight E. Stobbe, Godfrey D. Stocker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickerot, Fred L. Stroken, Don F. Stryker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuccheli, Milton B.	Detroit
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterling, Robert R. Sterling, Robert R. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stewart, Thomas O. Stiefel, Daniel M. Stirling, Alex M. Stirling, Alex M. Stirlhowight E. Stobbe, Godfrey D. Stocker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickerot, Fred L. Stroken, Don F. Stryker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuccheli, Milton B.	Detroit
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterling, Robert R. Sterling, Robert R. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stewart, Thomas O. Stiefel, Daniel M. Stirling, Alex M. Stirling, Alex M. Stirlhowight E. Stobbe, Godfrey D. Stocker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickerot, Fred L. Stroken, Don F. Stryker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuccheli, Milton B.	Detroit
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterling, Robert R. Sterling, Robert R. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stewart, Thomas O. Stiefel, Daniel M. Stirling, Alex M. Stirling, Alex M. Stirlhowight E. Stobbe, Godfrey D. Stocker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickerot, Fred L. Stroken, Don F. Stryker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuccheli, Milton B.	Detroit
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterlan, Richard. Sterling, Robert R. Stern, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stewart, Thomas O. Stiefel, Daniel M. Stirling, Alex M. Stirling, Alex M. Stith, Dwight E. Stobbe, Godfrey D. Stocker, Harry Stockwell, B. W. Stokhsz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strand, Martin E. Stricker, Henry D. Stricker, Henry D. Strickroot, Fred L. Strobschein, Don F. Stryker, Walter. Stubbs, G. T. Stubbs, Harold W. Sugar, H. Saul. Sugar, Bail M. Sugar, Bail M. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Summers, Wm. S. Surbis, John P. Sutbelland I. M.	Detroit Detroi
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterla, Richard. Sterling, Lawrence S. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stricker, Louis D. Stricker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickroot, Fred L. Strohschein, Don F. Stricker, Henry D. Stricker, Henry D. Stricker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuecheli, Milton B. Sugar, David I. Sugar, H. Saul. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Surbis, John P. Sutherland, J. M.	Detroit Detroi
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterla, Richard. Sterling, Lawrence S. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stricker, Louis D. Stricker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickroot, Fred L. Strohschein, Don F. Stricker, Henry D. Stricker, Henry D. Stricker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuecheli, Milton B. Sugar, David I. Sugar, H. Saul. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Surbis, John P. Sutherland, J. M.	Detroit Detroi
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterla, Richard. Sterling, Lawrence S. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stricker, Louis D. Stricker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickroot, Fred L. Strohschein, Don F. Stricker, Henry D. Stricker, Henry D. Stricker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuecheli, Milton B. Sugar, David I. Sugar, H. Saul. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Surbis, John P. Sutherland, J. M.	Detroit Detroi
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterla, Richard. Sterling, Lawrence S. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stricker, Louis D. Stricker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickroot, Fred L. Strohschein, Don F. Stricker, Henry D. Stricker, Henry D. Stricker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuecheli, Milton B. Sugar, David I. Sugar, H. Saul. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Surbis, John P. Sutherland, J. M.	Detroit Detroi
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterla, Richard. Sterling, Lawrence S. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stricker, Louis D. Stricker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickroot, Fred L. Strohschein, Don F. Stricker, Henry D. Stricker, Henry D. Stricker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuecheli, Milton B. Sugar, David I. Sugar, H. Saul. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Surbis, John P. Sutherland, J. M.	Detroit Detroi
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterla, Richard. Sterling, Lawrence S. Sterling, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stricker, Louis D. Stricker, Harry. Stockwell, B. W. Stokfisz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strickroot, Fred L. Strohschein, Don F. Stricker, Henry D. Stricker, Henry D. Stricker, Walter. Stubbs, C. T. Stubbs, C. T. Stubbs, Harold W. Stuecheli, Milton B. Sugar, David I. Sugar, H. Saul. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Surbis, John P. Sutherland, J. M.	Detroit Detroi
Steiner, Gabriel. Steiner, Louis J. Steinhardt, Milton J. Stellhorn, Chester E. Stellhorn, Chester E. Stellhorn, Mary Christine. Sterlan, Richard. Sterling, Robert R. Stern, Robert R. Stern, Harry L. Stern, Louis D. Stewart, Harry L. Stewart, Thomas O. Stiefel, Daniel M. Stirling, Alex M. Stirling, Alex M. Stith, Dwight E. Stobbe, Godfrey D. Stocker, Harry Stockwell, B. W. Stokhsz, T. Stout, Lindley H. Straith, Claire L. Strand, Martin E. Strand, Martin E. Stricker, Henry D. Stricker, Henry D. Strickroot, Fred L. Strobschein, Don F. Stryker, Walter. Stubbs, G. T. Stubbs, Harold W. Sugar, H. Saul. Sugar, Bail M. Sugar, Bail M. Sugarman, Marcus H. Sullivan, Hugh A. Summers, Wm. A. Summers, Wm. S. Surbis, John P. Sutbelland I. M.	Detroit Detroi

Szappanyos, Bela T	Detroit
Szedja, J. C	Detroit
Szlachetka, Vincent E	Detroit
Szladek, Frank JWya	ndotte
Tamblen F. I	Detroit
Tann, H. E.	Detroit
Tapert, Julius C	Detroit
Tassie, Ralph N	Detroit
Tamblyn, E. J	Detroit
Taylor, Ivan B.	Detroit
Taylor, Nelson MGrosse	Pointe
Tear. Malcolm I	Detroit
Teitelbaum, Myer	Detroit
Tenerowicz, Rudolph G	Detroit
Test, Frederick C., II	Detroit
Thaler, Wm. J.	Detroit
Thompson, Alderman	Detroit
Thompson, H. E.	Detroit
Thompson, H. O	Detroit
Thomson, Alexander(E)	Detroit
Tasker, Helen. Tassie, Ralph N. Tatelis, Gabriel. Taylor, Aaron. Taylor, Ivan B. Taylor, Nelson M. Taylor, Nelson M. Tearlis, Ralcolm J. Teitelbaum, Myer. Tenaglia, Thomas A. Tenerowicz, Rudolph G. Test, Frederick C., II. Texter, Elmer C. Thaler, Wm. J. Thompson, Alderman. Thompson, Alderman. Thompson, H. E. Thompson, H. C. Thompson, H. C. Thomson, Alexander. Thomson, Alexander. Thornell, Harold E. Thosteson, George C. Tichenor, E. D. Toepel, Otto T. Tolle, Charles E. Tomsu, Charles L. Tomsu, Charles L. Tonsu, Charles L. Tonsu, Charles L. Tonsu, Charles L. Trosk, Harry D. Tregenza, W. Kenneth. Troester, George A. Trombilo, James F. Trombley, Bryan. Trombley, Bryan. Trombley, Joseph J., Jr. Troxell, Emmett C. Truszkowski, E. G. Trustel, Henry. Turbett, Claude W. Turcotte, Vincent J. Turkel, Henry. Tyson, Wm. E. E. L. Ujda, Chester J. Ulbrich, Willie H.	Detroit
Tichenor E. D.	Detroit
Toepel, Otto T(E)	Detroit
Tolle, Charles E	Detroit Detroit
Top, Franklin H	Detroit
Townsend, Frank M	Detroit Detroit
Tregenza, W. Kenneth	Detroit
Troester, George A	Detroit Detroit
Trombley, Bryan	Detroit
Trombley, Joseph J., Jr	Detroit Detroit
Truszkowski, E. GHam	tramck
Trythall, S. W	Detroit
Tupper, Roy D	Detroit
Turbett, Claude W	Detroit Detroit
Turkel, Henry	Detroit
Turnbull, Jack V	Detroit
Tyson, Wm. E. E(L)	Detroit
Ujda, Chester J Ulbrich, Henry L. Ulrich, Willis H Umphrey, Clarence E Usher, Wm. Kay.	.Wayne Detroit
Ulrich, Willis H	Detroit
Umphrey, Clarence E	Detroit
Usher, Wm. Kay. Vale, C. Fremont Van Baalen, M. R. Van Gundy, Clyde R. Van Heldorf, Harry Van Nest, A. E. Van Rhee, George Van Riper, Steven L. Vardon, Edward M.	Detroit
Van Baalen, M. R.	Detroit
Van Heldorf, Harry	Detroit
Van Nest, A. E	Detroit
Van Riper, Steven L	Detroit
Vardon, Edward M	Detroit
Vergosen, Harry E	Detroit
Vogelin, Adolph E	Detroit
Vokes, Milton D.	Detroit
Von Der Heide, E. C	Detroit
Van Riper, Steven L. Vardon, Edward M. Vasu, V. O. Vergosen, Harry E. Vogelin, Adolph E. Vogel, Hymen A. Vokes, Milton D. Von Der Heide, E. C. Vossler, A. E. Vreeland, C. Emerson.	Detroit
Waddington, Joseph E. G(E)	Detroit
Waggoner, C. Stanley(E)	Detroit Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley Waggoner, Lyle G Wainger, M. J	Detroit Detroit Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley Waggoner, Lyle G Wainstock, Michael Walnstock, Michael	Detroit Detroit Detroit Detroit Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit Detroit Detroit Detroit earborn Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit Detroit Detroit Detroit Detroit earborn Detroit Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit Detroit Detroit Detroit Detroit earborn Detroit Detroit Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit Detroit Detroit Detroit Detroit earborn Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley	Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley Waggoner, Lyle G Wainger, M. J Wainstock, Michael Wakeman, E. M	Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley Waggoner, Lyle G Wainger, M. J Wainstock, Michael Wakeman, E. M Walker, Enos G Walker, Eo Whitney Walker, Leo Whitney Wallace, S. Willard Walls, Arch Wals, Arch Wals, Francis P Walsh, Charles R Walsh, Francis P Waltz, Frank D. B. Wattz, Frank D. B. Wattz, Frank D. B. Wattz, Frank D. B. Warden, Horace F. W Warden, Horace F. W Warner, Harold W San Dieg	Detroit
Waddington, Joseph E. G(E) Waggoner, C. Stanley Waggoner, Lyle G Wainger, M. J Wainstock, Michael Wakeman, E. M Walker, Enos G Walker, Eo Whitney Walker, Leo Whitney Wallace, S. Willard Walls, Arch Wals, Arch Walser, Howard C Walsh, Charles R Walsh, Charles R Walsh, Francis P Walter, Albert G Waltz, Frank D. B. Waltz, Frank D. B. Waltz, Paul J Warden, Horace F. W Warner, Harold W San Dieg Warner, P. L Warner, Wm. J Warner, Warner, Irving A	Detroit
Waddington, Joseph E. G (E) Waggoner, C. Stanley Waggoner, Lyle G Wainstock, Michael. Wakeman, E. M Waldbott, George L Walker, Enos G Walker, Leo Whitney Walker, Roger V. Wallace, S. Willard. Walls, Arch Walser, Howard C Walsh, Francis P. Walters, Albert G Waltz, Frank D. B Ward, George F. Warden, Horace F. W. Warner, Harold W San Diey Warner, P. L Warnen, Irving A	Detroit Detroit Detroit Detroit Detroit Detroit earborn Detroit Detroi
Waddington, Joseph E. G (E) Waggoner, C. Stanley Waggoner, Lyle G Wainstock, Michael. Wakeman, E. M Waldbott, George L Walker, Enos G Walker, Leo Whitney Walker, Roger V. Wallace, S. Willard. Walls, Arch Walser, Howard C Walsh, Francis P. Walters, Albert G Waltz, Frank D. B Ward, George F. Warden, Horace F. W. Warner, Harold W San Diey Warner, P. L Warnen, Irving A	Detroit Detroit Detroit Detroit Detroit Detroit earborn Detroit Detroi
Waddington, Joseph E. G(E) Waggoner, C. Stanley Waggoner, Lyle G Wainger, M. J Wainstock, Michael Wakeman, E. M	Detroit Detroit Detroit Detroit Detroit Detroit earborn Detroit

S

Watson, J. Edwin	Detroit
Watson, Robert WHighl	and Park
Watts Frederick B.	Detroit
Watts John I	Detroit
Wayne M A	Detroit
Weaver Clarence E	Detroit
Weaver Delmar F Cros	re Pointe
Weaver, Clarence E	Detroit
Webster John F	Detroit
West Miles D	Detroit
Webster, John E	Detroit
Wenenkei, Albert M	Detroit
Weiner, M. B	Detroit
Weingarden, David H	Detroit
Weinstein, Jacob	Detroit
Weisberg, A. Allen	Detroit
Weisberg, Harry	Detroit
Weisberg, Jacob	Detroit
Weiser, Frank A. Weiser, C. P.	Detroit
Weiser, Frank A	Detroit
Weiss, G. P	Detroit
Weiss, J. G	Detroit
Welch, John H	Detroit
Weller, Charles N	Detroit
Weltman, Carl G	Detroit
Wendel, Jacob S	Detroit
Wenzel, Jacob F	Detroit
West, Howard G.	Detroit
Weston, Bernard	Detroit
Weltman, Carl G Wendel, Jacob S Wenzel, Jacob F West, Howard G Weston, Bernard Weston, Earl E	Detroit
weston. Horace L	Detroit
Westover, Charles	Plymouth
Weyher Russell F.	Detroit
Whalen Neil I.	Detroit
Whalen, Neil J	Vyandotte
Whinnery Randall A	Detroit
White Milo R	Detroit
White, Milo R	Detroit
wille, willon w	

White, Prosper D., Jr	Detroit
White, Theodore M	Detroit
Whitehead, L. S	Detroit
Whitehead, Walter K	Detroit
Whiteley, Robert K	Detroit
Whitney, Rex E.	Detroit
Whitney, Rex E. Whittaker, Alfred H.	Detroit
Wiant, John L.	Detroit
Wiant, R. E.	Detroit
Wickham, A. B. (L)	Detroit
Wiant, John L	Detroit
Wiener, I.	Detroit
Wiener, I	ingham
Wight Frad R	Latroit
Wilcox, Leslie F	Detroit
Wilcox, Leslie F	Detroit
Williams, C. I	Detroit
Williamson, John GD	earborn
Wills, I. N.	Detroit
Wilner, Irvin	Detroit
Wilson, Gerald A	Detroit
Wilson, M. C.	Detroit
MATTER CALLED C	Datasia
Wilson, Walter I(L)	Detroit
Wiren, Lennart W	.Detroit
Wilson, Stuart C	Pointe
Wisner, Harold E	.Detroit
Wissman, H. CD	earborn
Wittenberg, Arthur A Wittenberg, Samson S Wittenburg, Sydney S Witter, Frank C	.Detroit
Wittenberg, Samson S	Detroit
Wittenburg, Sydney S	.Detroit
Witter, Frank C	Detroit
Witter Joseph A	Detroit
Witus, Carl	.Detroit
Witus, Morris	.Detroit
Witwer, Eldwin RWolfe, Max O	Detroit
Wolfe, Max O	Detroit

Wollank, Helen Wilson
Wollenberg, Robert A. C. Detrois
Wood, George P
Wood, Kenneth A. Detroit
Wood, Wilford C. Detroit
Woodburne, H. L. Detroit
Woodry, Norman L. Detrois
Woods, H. B. Brown City
Woods W. Edward
Woodworth Wm. P. Detroit
Worzniak Joseph I. Wyandow
Wreggit W R
Wright Charles Detroit
Wrible Joseph Detroit
Woods, W. Edward Detroit Woodworth, Wm. P. Detroit Worzniak, Joseph J. Wyandotte Wreggit, W. R. Detroit Wright, Charles Detroit Wruble, Joseph Detroit Wygant, Thelma Dearborn Wyte, Wm. C. Detroit
Wyte Wm C. Detroit
TYTE, TILL COMMENTED TO THE TOTAL OF THE TOT
Yesayian, H. GDetroit
Yott, William J Detroit
Young, Donald ADetroit
Young, Donald CDetroit
Young, Lloyd BDetroit
Young, Viola MDetroit
Young, Lloyd B. Detroit Young, Viola M. Detroit Youngman, D. C. Detroit
Zahinski Edward I Detroit
Zbudowski, A. S. Hamtramck Zbudowski, Myron R. Hamtramck
Zhudowski Myron R. Hamtramek
Zemens, Joseph LGrosse Pointe Woods Zerbi, VictorLincoln Park
Zerbi Victor Lincoln Park
Zielinski Charles I Detroit
Zinn George H Detroit
Zinterhofer John Detroit
Zimn, George H. Detroit Zint, George H. Detroit Zinterhofer, John Detroit Zinterhofer, Louis. Detroit Zlatkin, Louis. Detroit Zonnis, Marian. Detroit Zukerman, Morris. Detroit Zukowski, Sigmund A. Detroit
Zlatkin Louis Detroit
Zonnis Marian Detroit
Zukerman Morris Detroit
Zukowski Sigmund A Detroit
Zukowski, Signiunu ADetroit

Wexford County

Albi, R. WmGary, In	
Daugherty, RCadill	ac
Holm, AugustusLer	oy
Holm, BentonCadill	ac
Landy, George RCadill	
Lommen, RalphMant	on

McManus, Edwin	Mesic
Masselink, H. J.	McBai
Merritt, C. E	Manto
Moore, G. P.	.Cadilla
Moore, Sair C	

Purdy, Calvin S	Bucklev
Seltzer, Sol Norris	Cadillac
Showalter, Lawrence E	
Smith, Fred R	
Spinks, R. E.	

PHYSICIANS' SERVICE LABORATORIES

Established 1925 Reg. No. 26

M. S. TARPINIAN, Director

ALL TYPES OF LABORATORY PROCEDURES

OFFICE HOURS—9 A.M. to 6:30 P.M. and by appointment

CAdillac 7940

610 Kales Bldg.

Park Ave. at West Adams

DETROIT 26, MICH.

DOCTORS

If you wish one of our beautiful 1948 appointment books or calendar, please notify us by or before October 15.

With every elevation in the pollen count, the asthmatic patient suffers a comparable increase in the severity of symptoms.

In the dyspnea of allergic asthma, Aminophyllin has been found to provide efficient relief.

AMINOPHYLLIN



Searle Aminophyllin contains at least 80% of anhydrous theophylline. G. D. Searle & Co., Chicago 80, Illinois

SEARLE

RESEARCH IN THE SERVICE OF MEDICINE

etroit

etroit etroit etroit rborn etroit

etroit

etroit etroit etroit etroit etroit

etroit

Voods Park etroit etroit etroit etroit etroit etroit etroit etroit

Michigan's Department of Health

WM. DE KLEINE, M.D., Commissioner, Lansing, Michigan

STUDY MICHIGAN SALMONELLA

To conduct a study of the incidence of Salmonella infections in farm, pet and wild animals and the possible relationship to infection in humans, A. H. Wolff, D.V.M., has been assigned to the Bureau of Disease Control, Michigan Department of Health, by the United States Public Health Service. The Bureau of Laboratories is co-operating with him in the study.

The project is one of several recently inaugurated by the Veterinary Public Health Section of the United States Public Health Service directed toward the prevention of animal diseases transmissible to humans.

Approximately 200 types or varieties of Salmonella are known to date. Very few of these occur exclusively in man. The vast majority of the organisms primarily infect animals and birds. Aside from their veterinary significance, these animal infections are important in human medicine when they are transferred by meat, milk, and eggs, and perhaps by direct contact, to man.

Before the diseases can be adequately controlled, more data on the incidence in man and animal as well as the mode of transmission between man and animal must be obtained. The current investigation involves the incidence of Salmonella in dogs and possible relationship to infections in humans. The study will eventually include the incidence of the infections in other animals and in the various foods derived from animals.

Infants and the very old are more susceptible to infection by this germ than are people of other ages. The Salmonella organism is sometimes responsible for outbreaks of infantile diarrhea. Generally speaking, the symptoms of the illness vary from a gastro-enteritis to a severe blood infection with septic complications.

Thorough cooking or pasturization of animal or poultry food products (meat, milk and egg products), and adequate refrigeration provide the greatest measure of protection against infection with Salmonella organisms.

NO POLIO CROSS INFECTION IN HOSPITALS

No case of a cross infection from a poliomyelitis patient in a Michigan hospital has been reported since the decision of the Michigan Hospital Superintendents to admit polio patients to general hospitals a year ago.

DISEASE REGULATIONS PRINTED

The 1947 issue of the Michigan Regulations for the Control of Communicable Diseases has been sent by the Michigan Department of Health to all practicing physicians of the state. Anyone not receiving a copy may obtain it directly by writing to the Department.

ACCIDENTS FOURTH IN DEATH CAUSES

Accidents took the lives of one out of every 15 persons who died in Michigan in 1946. They constituted

the fourth cause of death. Home accidents took 1,385 lives, and motor accidents, 1,451 lives, of which 503 were pedestrians. Total deaths attributable to accidents in the state last year were 3,778.

BAD FOR CHILDREN

While preventive and curative medicine, since 1924, have tripled the chance of a Michigan child to live until he is fourteen years of age, the chance that he will die by accident has doubled since that time. Accidents caused every third death among Michigan children last year.

MEN AND BOYS DROWN

Nine out of every ten persons who drown in Michigan are men and boys. Only twenty-five women and girls were among the 265 persons who drowned in Michigan in 1946. Twelve of these were girls under ten years of age. Two-thirds of drownings in Michigan occur during the summer months.

RABIES CONTINUES TO INCREASE

The incidence of rabies in fourteen southern Michigan counties continues to increase. A total of 166 cases of rabies were reported in the first five months of this year, and six counties had established dog quarrantine.

PREPARE FOR SCHOOL

The Department through newspapers and radio has advised parents of children who will enter school for the first time this fall to take the children to family physicians in June for complete physical checkup and for booster doses of immunizing agents.

INCIDENCE OF COMMUNICABLE DISEASE

Disease May	v 1947	May 1946	7-year median
Diphtheria	17	25	14
Gonorrhea	938	1085	870
Lobar Pneumonia	61	93	153
Measles		5134	3930
Meningococcic meningitis	11	21	19
Pertussis1	030	607	915
Poliomyelitis	2	1	0
Scarlet fever	503	755	1062
Syphilis1	379	1478	1345
Tuberculosis	452	450	511
Typhoid fever	5	4	4
Undulant fever	28	15	11
Smallpox	0	0	1

858

JOUR. MSMS



DR. A. M. WEHENKEL, Medical Director, City Offices, Madison 3312-3

For Detailed Information Regarding Rates and Admission Apply

FERGUSON-DROSTE-FERGUSON RECTAL CLINIC AND HOSPITAL

Ward S. Ferguson, M.D. James C. Droste, A.B., M.D. Lynn A. Ferguson, B.S., M.D.

PRACTICE LIMITED TO
DIAGNOSIS AND TREATMENT OF

ANUS, RECTUM, SIGMOID AND COLON

Sheldon Avenue at Oakes
GRAND RAPIDS 2, MICHIGAN

385 503 ents

24.

ntil die sed

gan

an of

ng

of ar,

i-

n 4

0309

0

What's What

Jay C. Ketchum, Executive Vice President of Michigan Medical Service, spoke on "Voluntary Insurance Plan" at the hearings on S.545 in Washington, May 23.

Toll of War—The total war cost to the United States is estimated at \$330,000,000,000 or \$2,233.94 per capita. To Canada: \$20,255,865,966, or \$1,688 per capita.

F. W. Hartman, M.D. and P. C. Martineau, M.D., Detroit, are authors of an original article, "Extensive Cutaneous Burns," which appeared in JAMA of May 31.

H. M. Miller, M.D., Detroit, is the author of an article, "General Practice in a Large Hospital," which was published in JAMA of May 3. It is a report of eight years' experience in the operation of such a Section.

Joseph H. Andries, M.D., and Hugh Harrison, M.D.. Detroit, were honored at a banquet sponsored by the St. Joseph's Mercy Hospital Staff commemorating fifty years in practice of these two physicians. Engraved gold watches were presented to the two doctors from the hospital staff.

Wayne University College of Medicine has added the following course to its Postgraduate Continuation Curriculum for the summer quarter:

Allergy Clinic and Conference Receiving Hospital

Tuesday-8:00 to 11:00 a.m.

Clinic 8-10

Conference 10-11

Fee-\$25.00

The course begins July 1 and runs for three months.

H. Marvin Pollard, M.D., Malcolm Block, M.D., and Wm. H. Bachrach, M.D., of Ann Arbor, Michigan, are authors of an original article, "Ulcerative Colitis," which appeared in JAMA of May 24.

The Third Pan-American Congress of Ophthalmology will be held in Havana, Cuba, January 4-10, 1948. A cordial invitation to all members of the Michigan State (Continued on Page 862)

AN ADDED

Urine Analysis
Blood Chemistry
Hematology
Special Tests
Basal Metabolism
Serology

Parasitology Mycology Phenol Coefficients

Bacteriology Poisons

Court Testimony

Send for Fee List Sewice to the Medical Profession

SIX HOUR PREGNANCY TEST

THE SAME dependable service you have always found at Central Laboratories is now available on a six hour pregnancy test—the GONESTRONE Test.

The latest and most reliable of the tests for determining pregnancy, the GONESTRONE is a modification of the Aschheim-Zondek and Friedman Tests, and was originated by Drs. Salmon, Geist, Frank and Salmon. In approximately 1,000 comparative tests made during the past year in our research department, we have found the GONESTRONE to be almost 100 per cent accurate.

In this, as in other clinical tests and chemical analyses made in our laboratories, your work will be handled with thoroughness and exactitude. . . . Your patients will find pleasant, well-equipped exam-

will find pleasant, well-equipped examining rooms. . . You will approve our fees.

Directors: Joseph A. Wolf Dorothy E. Wolf . . . Clinical and Chemical Research
312 David Whitney Building
Detroit 26, Michigan

Telephones: Cherry 1030. (Res.) Evergreen 1220

STREAMLINE YOUR DRESSING



STA-FAST Cohesive

For a wet-proof, oil-proof, grease-proof dressing, use Sta-fast Cohesive. Sta-fast dries quickly forming a thin, flexible transparent film. Applied to outer edges of bandage Sta-fast is ideal for aereated dressings, scalp patches, and difficult to band-

age areas. Supplied in a handy collapsible tube.

DETROIT FIRST-AID COMPANY

179 W. Jefferson St.

and

nich

ogy

tate

n

nd ch

ng

220

MS

Detroit, Mich.

Cook County Graduate School of Medicine ANNOUNCES CONTINUOUS COURSES

SURGERY—Two-week intensive course in Surgical Technique, starting August 18, September 22, October 20.
Four-week course in General Surgery, starting August 4, September 8, October 6.
Two-week course in Surgical Anatomy & Clinical Surgery, starting July 21, August 18, September 22.
One-week course in Surgery of Colon & Rectum, starting September 15, and November 3.
Two-week course in Surgical Pathology every two weeks

FRACTURES & TRAUMATIC SURGERY—Two-week intensive course starting October 6.

GYNECOLOGY—Two-week intensive course starting September 22, October 20.
One-week course in Vaginal Approach to Pelvic Surgery, starting September 15 and October 13.

OBSTETRICS—Two-week intensive course, starting September 8, October 6.

MEDICINE-Two-week intensive course, starting Oc-

Two-week course in gastro-enterology, starting October

Two-week course in gastro-enterology, starting School. 20.
One-week course in Hematology, starting September 29.
One-month course in Electrocardiography & Heart Disease, starting September 15.
Two-week intensive course in Electrocardiography & Heart Disease, starting August 4.

DERMATOLOGY & SYPHILOLOGY — Two-week course starting October 20.

General, Intensive and Special Courses in all Branches of Medicine, Surgery and the Specialties

TEACHING FACULTY — ATTENDING STAFF OF COOK COUNTY HOSPITAL Address:

Registrar, 427 S. Honore St., Chicago 12, Ill.

INVESTIGATE



DIRECT WRITING CARDIOGRAPH



Instantaneous direct recording Cardiograph, naking accurate standard records on permanent graph paper, eliminating all photographic processes. Operates on 110 Volt A.C. or D.C. without batteries. Light, compact and portable.

MAIL COUPON TO



Without obligation send me the following: Cardiotron Booklet Iones Metabolism Booklet..... Send Details on Demonstration Offer On the Cardiotron..... On the Jones Metabolism Unit.....

Address City & State.....



Summertime Leisure
requires Slacks,
Sport Jackets, Casual
Shirts, and Cool
Straw Hats in the
Quality Manner

WHALING'S

MEN'S WEAR . 617 WOODWARD

DETROIT 26 • MICHIGAN

(Continued from Page 860)

Medical Society to attend the Congress has been extended by Tomas R. Yanes, M.D., P.O. Box 970, Havana, Cuba, President of the Congress.

Veterans Administration estimates that the number of living veterans and members of their families will reach a peak of 43 per cent of the nation's population within the next 5 years and decline in percentage thereafter.

C. P. McCord, M.D., Detroit, received the William S. Knudsen Award for the most outstanding contribution to Industrial Medicine for 1946-47. Congratulations, Dr. McCord!

Ralph A. Johnson, M.D., Detroit, has been appointed to the Detroit Public Welfare Commission by Mayor Edward J. Jefferies, for the term ending March 1, 1951. Congratulations, Commissioner Johnson!

William R. Bond, M.D., well known to many Michigan physicians, has been appointed Medical Director of VanPelt and Brown, Inc., Richmond, Va. Dr. Bond is Consultant for the Endocrine Clinic of the Medical College of Virginia.

W. Leonard Howard, M.D., was appointed Medical Superintendent of Wm. H. Mayberry Sanitarium in May, according to an announcement made by Bruce H. Douglas, M.D., Commissioner of Health of the City of Detroit. Congratulations, Dr. Howard!

The Congress on Industrial Health proposed for Detroit in October, 1947, has been cancelled, due to conflict with other national health meetings, according to Carl M. Peterson, M.D., Secretary of the AMA Council on Industrial Health.

Ralph Lee Fisher, A.B., M.D., F.A.C.P., and Morris Zukerman, A.B., M.D., of Detroit, published a paper on "Banti's Syndrome following Prolonged Infectious Hepatitis," with report of two cases in The American Journal of Digestive Diseases for November, 1946.

The annual meeting of Michigan Medical Service is to be held in the Ballroom of the Pantlind Hotel, Grand Rapids, on Monday, September 22, 2:00 p.m. The MMS membership comprises the members of the MSMS House of Delegates plus the members of the Board of Directors of Michigan Medical Service.

The Press Relations Committee for the 82nd Annual Session of the Michigan State Medical Society scheduled for Grand Rapids, September 23-26, appointed by B. R. Corbus, M.D., chairman of the Arrangements Committee, is as follows: C. A. Payne, M.D., chairman; G. T. Aitken, M.D. and J. R. Brink, M.D., all of Grand Rapids.

(Continued on Page 864)

Jour. MSMS

FOR

860

Jui



ex-

r of ach

thin

n S.

tion

ons.

d to

Ed-

951.

chi-

r of

ond ical

ical

fay,

H. of

De-

con-

to un-

rris on

eparnal

vice otel, o.m. the the

nual

iled

R.

tee,

Ait-

ids.

MS

SHOWING the new FISCH-ER Model "FCW" Short Wave Apparatus equipped with the new FISCHER Adjustable Induction Electrode. Unequalled in convenience, performance and durability.

USE-APPROVED SHORT WAVE Unit



This remarkable new FISCHER short wave unit provides every up-to-the-minute feature of advanced construction and operation. Built to perform within the wave bands allocated by the Federal Communications Commission. Steel

Affords all applications—use of all types of short wave electrodes. Precision built for long years of efficient service.

Ask for large fully illustrated and descriptive folder No. 3072.

M. C. HUNT, Representing

H. G. FISCHER & CO.

868 Maccabees Bldg., Detroit 2, Mich. Phone Temple 2-4947

ACCIDENT . HOSPITAL . SICKNESS

INSURANCE

FOR PHYSICIANS, SURGEONS, DENTISTS EXCLUSIVELY



\$5,000.00 accidental death	\$8.00
\$25.00 weekly indemnity, accident and sickness	Quarterly
	\$16.00
\$50.00 weekly indemnity, accident and sickness	Quarterly
\$15,000,00 accidental death	\$24.00
\$75.00 weekly indemnity, accident and sickness	Quarterly
\$20,000.00 accidental death	\$32.00
\$100.00 weekly indemnity, accident and sickness	
ALSO HOSPITAL EXPENSE FOR WIVES AND CHILDRI	MEMBERS

86c out of each \$1.00 gross income used for members' benefits

\$3,000,000.00 INVESTED ASSETS

\$14,000,000.00 PAID FOR CLAIMS

\$200,000.00 deposited with State of Hebraska for protection of our members. Disability need not be incurred in line of duty—benefits from the beginning day of disability

PHYSICIANS CASUALTY ASSOCIATION PHYSICIANS HEALTH ASSOCIATION
45 years under the the same management

400 FIRST NATIONAL BANK BUILDING . OMAHA 2, NEBRASKA

VAGINAL CAPSULES

(TUTAG)

FOR LEUKORRHEA

Eliminate Douching and Insufflation

> Each capsule contains sulfanilamide 10 grains and lactic acid 20 mgms in a alveerine and vegetable oil base.

A vaginal capsule to assist in restoring the normal acidity of the vagina and inhibit the increase of the trichomonads. Simple to use and economical.

Call or Write for Generous Sample and Literature



S. J. TUTAG & CO.

Pharmaceuticals

800 BARRINGTON ROAD **LENOX 8439** DETROIT 30, MICHIGAN

JULY, 1947

"IRVIN" INJECTOR

for PENTOTHAL SODIUM (Abbott)



An improved device that permits smooth, steady injection of fluids. Takes any size syringe. Syringes placed or replaced in a matter of seconds. No slow reverse winding of impeller. Completely adjustable. Made entirely of solid brass, chrome plated.

\$3600

"HYFRECATOR"



COAGULATES FULGURATES DESICCATES

- . TONSIL TABS
- EROSIONS
- FIBROMA
- · PRURITIS
- · CYSTS
- · PAPILLOMAS
- · LUPUS

\$3750

Wochers

Roland Randolph, Manager Murray 3380 or Royal Oak 9027-R (Continued from Page 862)

Are more doctors of medicine needed in your community? The AMA is gathering nationwide information on this matter, and would appreciate notification of any location which require a doctor of medicine. Advise the Bureau of Information, American Medical Association, 535 N. Dearborn, Chicago 10, Ill. Attention of V. Schuler.

Indiana recently passed a law requiring annual registration of physicians, effective July 1, 1947. Any Michigan practitioners of medicine who have Indiana licenses should write the Indiana State Board of Medical Registration and Examination, 416 K. of P. Bldg., Indianapolis 4, Indiana, for a copy of the "application for annual registration of license to practice the healing art in the State of Indiana." The nonresident fee is \$10.

Amendments to MSMS Constitution and By-Laws. A special MSMS Committee has been appointed to study the MSMS Constitution and By-Laws with a view to presenting recommendations for any necessary amendments to the House of Delegates in Grand Rapids next September. Chairman T. K. Gruber, Wayne County General Hospital, Eloise, Mich., would appreciate receiving any suggestions for proposed amendments to the MSMS Constitution or By-Laws.

Availability of doctors.—It is seriously recommended that arrangements be made in all localities so that one or more doctors of medicine are available on the "day off" usually taken by the medical profession in the community. This is to protect the medical profession from the criticism—frequently printed in newspapers—that "no doctors were available when the accident occurred, although 18 were called, etc., etc." Definite notification to the newspapers of arrangements made by county medical societies or communities along this line should be made.

Wayne University Alumni Association will hold "open house" in Parlor D, Mezzanine Floor, Pantlind Hotel, Grand Rapids, during the 1947 Annual Session of the Michigan State Medical Society, from Tuesday noon to Friday noon, September 23-26.

An exhibit of college yearbooks and alumni materials will be displayed. The headquarters will be manned by Homer D. Strong, M.D., Head of the Alumni Affairs of Wayne University.

All alumni of Wayne University College of Medicine are cordially invited to visit the headquarters in The Pantlind during the MSMS convention.

The Michigan State Medical Society has appointed a Special Committee of The Council to study the Medical Practice Act of Michigan. The personnel of the committee, which plans to report to the MSMS House of Delegates in September, 1947, is composed of: Harold L. Morris, M.D., Detroit; F. J. O'Donnell, M.D., Alpena; C. W. Colwell, M.D., Flint, L. A. Drolett, M.D., Lans-

(Continued on Page 866)

Electro Medical Equipment and Techniques



com.

ation

Ad-As-

ation

egisichi-

lidical

Infor

art

. A

tudy v to end-

next

re-

the

ded

off"

the "no

al-1 to

ical ide.

pen tel, the

nabe

nni

ine

he

la

cal

of

old

na;

ns-

AS.

For Modern
PHYSICAL
MEDICINE

Making available Hydro-Galvinic therapy for arthritis, neuritis, bursitis and peripheral vascular conditions. Clinical references and bibliography on request. The Teca Two Circuit Unit provides a valuable modality for both physician and hospital.

CONVENIENT - SAFE - EFFECTIVE

Call for Demonstration
TEmple 1-8231

ELECTRO MEDICAL EQUIPMENT CO. 4864 Woodward Detroit 1

JUST THE THING when you're tired and thirsty! STROH'S Bohemian Beer THE STROH BREWERY CO., DETROIT 26, MICH.

Detroit Medical Hospital



7850 East Jefferson Avenue

A private hospital devoted to the diagnosis and treatment of mental and nervous illness, alcoholics and drug addicts. All accepted psychiatric and mental therapies.



Beautiful grounds facing the Detroit River

Registered by the American Medical Association

Licensed by the Michigan State Hospital Commission

DETROIT MEDICAL HOSPITAL FITZROY 7100

7850 E. JEFFERSON AVE. DETROIT 14 MICHIGAN



DeNIKE SANITARIUM, Inc.

Established 189

ACUTE AND CHRONIC
ALCOHOLISM
AND DRUG ADDICTION

— Telephones — GEneva 6333-4 CAdillac 2670

626 E. Grand Blvd., Detroit 7

A. James DeNike, M.D., Medical Superintendent

A few of the newer pharmaceuticals which we have in stock for immediate delivery . . .

FURACIN

A new chemotherapeutic compound for treatment of wounds and surface infections.

ANTI RH SERUM

A diagnotsic agent for the rapid and accurate determination of RH factor in human blood by the microscopic slide agglutination method.

BLOOD GROUPING SERA

(Powdered)

Anti A

Anti B

Literature available on request

The Rupp & Bowman Company

315-319 Superior St.

Toledo, Ohio

(Continued from Page 864)

ing, L. F. Foster, M.D., Bay City, Wilfrid Haughey, M.D., Battle Creek, W. R. Torgerson, M.D., Grand Rapids, and J. Joseph Herbert, LL.B., Manistique, Advisor.

The International College of Surgeons (United States Chapter) will hold its 12th Assembly at the Palmer House, Chicago, September 28-October 4, 1947. Among fifty-two internationally famous surgeons who will present scientific papers are: Hamilton Bailey, London, England; Zachary Cope, London, England; Professor Raymond Darget, Bordeaux, France; Leon Gillis, Roehampton, England; Basil Hughes, London, England; Ambassador Oscar Ivanissevich, Buenos Aires, Argentina; William Oliver Lodge, Halifax, England; Professor Felix Mandl, Jerusalem, Palestine; J. Almeida Rios, Rio de Janeiro, Brazil; August Maria Sisson, Porto Alegre, Brazil; and Alex W. Spain, Dublin, Ireland.

What is the difference between Membership and Fellowship in the American Medical Association? AMA membership comes automatically to any member certified by a county medical society to the state medical society, which in turn certifies his name to the AMA; Fellowship is a privilege conferred by the AMA Judicial Council on those members who apply for Fellowship on the prescribed form and subscribe to the AMA Journal, paying the annual Fellowship dues for the current year. Attendance at the Scientific Assembly and all other privileges of the AMA are granted to Fellows.

The work of the AMA is outlined in a concise booklet entitled "The Individual Physician" which may be procured free by writing the AMA, 535 No. Dearborn St., Chicago 10, Ill.

The following bills were passed by the Michigan Legislature of 1947:

H.B. 451.—This Act will implement in Michigan the provisions of the Federal Hospital Survey and Construction Act. As passed, the law is almost verbatim with the recommendations made by the MSMS Executive Committee of The Council. It calls for a Director to be appointed by the Governor to administer the act with the help of an Advisory Council. No crippling amendments were included in the bill as finally passed in spite of sundry attempts of a cultist organization to use it as an opening wedge for entrance into medical hospitals. The Act specifically provides against any attempt to use the provisions of the law to socialize medicine. Much of the credit for passage of this Act is due Mr. Howard Estes of Birmingham, the introducer of the bill.

S.B. 274, 275.—As passed these Acts will raise hospital rates under the Afflicted and Crippled Children's Acts from \$7 to \$11 and the maximum surgical fee in the Michigan Crippled Children Commission fee schedule from \$75 to \$90 (a 20 per cent increase).

S.B. 201.—As passed this law will license and regulate Vivisection. No crippling amendments were made to the

(Continued on Page 868)



The Mary E. Pogue School

Complete facilities for training Retarded and Epileptic children educationally and socially. Pupils per teacher strictly limited. Excellent educational, physical and occupational therapy programs.

programs.

Recreational facilities include riding, group games, selected movies under competent supervision of skilled personnel.

Catalogue on request.

G. H. Marquardt, M.D. Medical Director Barclay J. MacGregor Registrar

26 GENEVA ROAD, WHEATON, ILL.

RACKHAM SHOES

Foundation for Good Health

SPECIFY RACKHAM'S
for
BETTER FITTING ORTHOPEDIC SHOES

Stuart J. Rackham Company

Stuart J. Rackham President

rand ique,

mer nong

sent

Eng-

Maymp-Amina; elix

Bra-

Fel-

MA

fied

ety,

unthe ay-

At-

er

be

rn

he n-

m

be

th d-

te

as

te

h

13

e

e

e

S

CORRECT SHOES FOR MEN AND WOMEN
2040 Park Ave.—Opposite Women's City Club Detroit 26, Michigan

Clyde K. Taylor Manager

WHEN WILL YOU BE SUED?

And, that's more than a \$64.00 question as answered by Hubbard Hoover in a special article in the Saturday Evening Post. Write or call us for a free copy. You will find it worth the few minutes reading time.

Whiting and Whiting

GENERAL INSURANCE CHERRY 9398

520 FORD BLDG.

DETROIT 26



(Continued from Page 866)

bill as originally drafted, despite bitter activity by antivivisectionists aided by the vigorous promotions of a chain newspaper.

S.B. 378.—This Act will require immunization against diphtheria, whooping cough and smallpox as a condition precedent to entrance in school. (Vetoed by the Governor.)

Marriages Increased.—Cupid, Justices of the Peace, and Ministers came into their own again in Michigan cities in 1946, it is indicated by figures released this week by the Bureau of Records and Statistics of the Michigan Department of Health.

The 1946 marriage license figures of Flint and Grand Rapids exceeded their 1945 figures by greater percentages than were recorded in any other major city in the United States. Detroit was not far behind.

Flint leads the cities of over 100,000 population in the nation with a 73.3 per cent increase. Grand Rapids was second in the nation with 72.5 per cent increase. Detroit's increase was 53.9 per cent.

Return of soldiers from the European and Pacific theaters is believed to have boosted the number of licenses issued. All three of the Michigan towns which are included in the cities over 100,000 population showed decrease in marriage licenses issued from 1941 to 1944, with Grand Rapids showing the greatest decline.

The second annual postgraduate course in Diseases of the Chest, sponsored by the American College of Chest Physicians, will be held September 15-20, 1947, at the Municipal Tuberculosis Sanitarium, Chicago, Illinois. Tuition \$50.00. For information, write American College of Chest Physicians, 500 N. Dearborn Street, Chicago 10, Illinois.

column of those

> Associ of Mo Birmi 1947.

Foli

is one

in me

leled.

tion o

anemi

genera

book.

REHA

versi Birm parti of M Saur

Th

nrese

grous

rectin

Alab

were

injec

of th

tam

L. M. Snyder, M.D., has joined the law firm of Foster, Cummins, Snyder, Cameron and Foster, 705 American State Bank Bldg., Lansing, and is devoting his full time to the practice of legal medicine.

Wolff W. Zuelzer, M.D., Detroit, is the author of an original article "Pathogenesis of Anemia" which appears in JAMA of July 19.

The Chicago Ophthalmological Society will give a 40-hour refresher course, December 8 to 13, inclusive. The faculty will include members of the Eye Department of The University of Chicago, The University of Illinois, Loyola University, Northwestern University and staff members of all of the principal hospitals of Chicago. Instruction will consist of didactic and practical courses, emphasis being placed on the practical courses given to small groups. Physicians practicing ophthalmology and eye, ear, nose and throat are eligible for the course. The fee will be \$100.00. For details write to the registrar, Miss Maude Fairbairn, 8 W. Oak Street, Chicago, Illinois.

Clinical Laboratories

W. G. Gamble, Jr., M.D., Pathologist 2010 Fifth Avenue Bay City, Michigan Telephones—6381—8511—6516

Complete Medical Laboratory Diagnosis Including

Allergy
Animal Innoculation
Bacteriology
Basal Metabolism
Bio-Chemistry

Electrocardiography Hematology Serology Tissue Diagnosis

Bio-Chemistry
Blood and Plasma Bank and Special Solutions
for Intravenous Therapy

NOTE: Information, containers, tubes, etc., on request.



Classified Advertising

WANTED: Resident in Pathology. Twelve-month appointment. Hurley Hospital, Flint, Michigan.

ANESTHETIST WISHES SITUATION in Southeast or South Central part of Michigan. Reply to Box 78, c/o The Journal, 2020 Olds Tower, Lansing 8, Mich.

RESIDENTS WANTED FOR MIXED SERVICE— Two Hundred and Fifty-Nine Bed Approved General Hospital. Stipend: \$150—single (maintenance) or \$200—married (no maintenance). Apply: St. Joseph Mercy Hospital, Pontiac 19, Michigan.



868

JOUR. MSMS

THE DOCTOR'S LIBRARY

ases

of 947,

igo,

eri-

eet,

ter,

can

me

an

ars

a

Ve.

ent

ois,

aff

go.

es,

to

nd

se.

is-

0,

Acknowledgment of all books received will be made in this column and this will be deemed by us as a full compensation of those sending them. A selection will be made for review, as expedient.

EXPERIENCES WITH FOLIC ACID. By Tom D. Spies, M.D., Associate Professor of Medicine, University of Cincinnati School of Medicine; Director of the Nutrition Clinic, Hillman Hospital, Birmingham, Alabama. Chicago: The Yearbook Publishers, Inc., 1947. Price \$3.75.

Folic acid used in the treatment of macrocytic anemia is one of the great advances of the age of great progress in medicine. The rapidity of this advance is unparalleled. This book outlines the methods of research, selection of cases and their response to folic acid. Pernicious anemia is now well under control. The internist and the general practitioner who treat these patients need this book. It is a stimulating brochure.

REHABILITATION THROUGH BETTER NUTRITION. University of Cincinnati Studies in Nutrition at the Hillman Hospital, Birmingham, Alabama. By Tom D. Spies, M.D., from the Department of Internal Medicine, University of Cincinnati College of Medicine. 94 pps. 50 illus. Philadelphia and London: W. B. Saunders Company, 1947. Price \$4.00.

This is a book on practical therapeutics and is presented as an aid to study. Cases are reported of pellagrous dermatits traceable to deficient diet, cured by correcting the diet. A study was made at Birmingham, Alabama, involving dietary deficiencies; 893 cases. There were 377 cases of pellagrous dermatitis; 531, conjunctival injection; 330, edema of the tongue; 102, paresthesias of the leg, to mention a few. Diets are given.

The book is a really interesting study.

NUTRITIONAL AND VITAMIN THERAPY IN GENERAL PRACTICE. By Edgar S. Gordon, M.D., Ph.D., Associate Professor of Medicine, University of Wisconsin. Chicago: The Year Book Publishers, Inc., 1947. Price \$5.00.

This is a handbook on the subject of nutrition and vitamin therapy. Chapters are devoted to the various vitamins, their source in food, the symptoms and diagnosis of their deficiencies. There are also chapters about the various items of nutrition, minerals, fat, carbohydrate, proteins.

The fuel foods receive attention, as well as weight control, dental problems and a special chapter on the economic side of clinical nutrition. This is about the most useful book we have seen on the vitamins and their actual understanding. It is well worth a place on the doctor's shelves.

ESSENTIALS OF ENDOCRINOLOGY. By Arthur Grollman, Ph. D., M.D., F.A.C.P., Professor of Medicine and Chairman of The Department of Experimental Medicine, The Southwestern Medical College; Attending Physician and Consultant in Endocrinology, The Parkland Hospital, Dallas, Texas; Second Edition, Revised and Enlarged. 132 illustrations. Philadelphia: J. B. Lippincott Co., 1947. Price \$10.00.

This book is a complete exposition of what is known and usable in medical practice regarding the so-called endocrine glands: the hypophysis-anterior lobe, posterior lobe, the pineal body, the thyroid, parathyroid glands, the thymus, the pancreas, the adrenal glands, the hormones of the reproductive organs, and hormones from non-endocrine organs. The pituitary and its effects on the human body and behavior when not normal is a fascinating and compelling study as well as a necessary part of our armamentarium. The same is true of the thyroid. and the late work on sex harmones is just as revealing. This book is the best exposition of endocrine study, effect and therapy we have seen.

OBSTETRICAL PRACTICE. By Alfred C. Beck, M.D., Professor of Obstetrics and Gynecology, Long Island College of Medicine, Obstetrician and Gynecologist-in-chief, Long Island College Hospital, Brooklyn. More than one thousand illustrations. Fourth Edition. Baltimore: The Williams & Wilkins Co., 1947. Price \$7.00.

Primarily written for the undergraduate students and younger practitioners, the essentials and principles of obstetrical practice are always foremost, advocating and describing the well-tried and safe procedures, both for mother and child. Prenatal care is especially emphasized. The anatomy, diagnosis, measurements and the

A Specialized Laboratory Service

BASAL METABOLISMS BY APPOINTMENT ONLY

Electrocardiograms, 1 to 4:30 P. M. and by Appointment

Home Tests by Request Wilson & Goldberger Leads by Request

THE BASAL METABOLISM AND CARDIOGRAM LABORATORY 512 KALES BLDG.

DETROIT 26

CADILLAC 4228

In Lansing

HOTEL OLDS

Fireproof

400 ROOMS

1 page	COSMETIC HAY FEVER?	FREE FOR
E C	Prescribe UNSCENTED AR-EX Cosmetics	DR
3	Recent clinical tests showed many cases of cosmetic sensitivity, but not a single one to UNSCENTED AR-EX Cosmetics. For allergic patients, prescribe UNSCENTED AR-EX Cosmetics—free from all known.	ADDRESS
	irritants and allergens. SEND FOR FREE FORMULARY.	city
1	AR-EX COSMETICS, INC., 1036 W. VAN BUREN ST., CHICAGO 7, ILL.	STATE

MULARY

Meyer Institute of Body Culture

Massage and Swedish Movements—Medical Gymnastics

Separate Departments for Ladies and Gentlemen TRinity 2-2243-4
330 New Center Building, Detroit 2. Michigan

mechanism of labor are extensively discussed and profusely illustrated. Toxemias and their treatment get sufficient attention. Also discussed are complications and their management, with concise description of forceps delivery, versions, cesarean section and methods that have proven safest and most satisfactory. A new chapter is introduced on analgesia, amnesia and anesthesia, and it is conservative. Biotics and chemotherapy as they apply to obstetrics, syphilis in the mother, et cetera are included. A very satisfying text.

PRACTICAL PHYSIOLOGICAL CHEMISTRY. By Philip B. Hawk, Ph.D., President, and Bernard L. Oser, Ph.D., Director, Food Research Laboratories, Inc., New York; and William H. Summerson, Ph.D., Associate Professor of Biochemistry, Cornell University Medical College, New York. 12th Edition. 5 color plates; 329 illus.; 1323 pages. Philadelphia: The Blakiston Co., 1947. Price \$10.00.

This standard and long-used textbook on physiological chemistry has been entirely rewritten in the light of recent advances in laboratory methods, investigative research and new discoveries. The structure of the protein molecule, the basis for all physiological chemistry, is well illustrated, including the simplest forms and the additions

which build up to our complicated albumins with their side chains. Throughout the book new chemical entities are diagrammed as well as giving the formulas. Blood analysis has much new material, methods and text. A very considerable part is devoted to vitamins and deficiency disease.

This book is necessary for every laboratory, private hospital or commercial.

e 46

PHYSICIAN'S HANDBOOK. Fourth Edition. By John Warkentin, Ph.D., M.D., and Jack D. Lange, M.S., M.D., Chicago: University Medical Publishers, 1947. Price \$1.50.

This is a convenient small handbook about 4 inches wide, consisting of 282 pages printed in reduced size typewriter type. It covers laboratory techniques, skin tests, sero-diagnosis, parasites, basal metabolism, what to do in diabetic emergencies or hemolytic shock. It tells how to do a lumbar puncture and gives an interpretation of the Widal test. It is a compend of the laboratory and investigation things to be done in making a diagnosis, compact, and may be carried in the pocket.

RH...ITS RELATION TO CONGENITAL HEMOLYTIC DISEASE AND TO INTRAGROUP TRANSFUSION REACTIONS. By Edith L. Potter, M.D., Ph.D., Assistant Professor of Pathology, Department of Obstetrics and Gynecology, The University of Chicago and the Chicago Lying-In Hospital. Chicago: The Year Book Publishers, Inc., 1947. Price \$5.50.

Dr. Potter has made this new subject clear and timely. The Rh factor was discovered in 1941, and its meaning and control have been an ever-present problem. This Rh factor has given the answer to some strange manifestations. The material in this volume is based on studies of about 40,000 mothers at Chicago Lying-in Hospital, covering 170 deaths from hemolytic disease over a period of twelve years. Any doctor doing obstetrics must have the information contained in this book, which is well presented. For those wishing a more extended study, there is a bibliography of 794 references. Practically a must, if one is to be well informed.

All important laboratory examinations; including—

Tissue Diagnosis
The Wassermann and Kahn Tests
Blood Chemistry
Bacteriology and Clinical Pathology
Basal Metabolism
Aschheim-Zondek Pregnancy Test
Intravenous Therapy with rest rooms for Patients.

Central Laboratory

Electrocardiograms

Oliver W. Lohr, M.D., Director
537 Millard St.
Saginaw
Phone, Dial 2-4100-2-4109

The pathologist in direction is recognized by the Council on Medical Education and Hospitals of the A. M. A.

EMPLOYMENT SERVICE

Specializing in Superior Administrative, Technical and Professional Personnel in the Medical, Dental, Pharmaceutical and Related Professions.

This service is confidential. There is no charge for registration.

MEDICAL PLACEMENT

76 W. ADAMS

DETROIT 26

GUS

of Cor